byrst

Bring products to life with immersive AR & 3D

3D-Xpress™

Web Components

3D-Xpress is a lightweight web component that transforms any existing product image—already hosted on your site (Wix, Squarespace, Shopify, etc.) into an interactive 3D model.

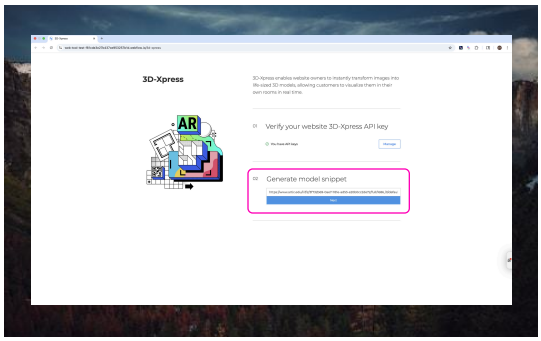
Just point it to your JPEG or PNG of wall art, mirrors, clocks, or signs, and 3D-Xpress dynamically generates a realistic 3D model that can be viewed in your room. No uploads, no storage, no extra files. Your customers can instantly see how the piece looks on their wall, all from the image you already have live on your site.

1. SETUP

For website owners

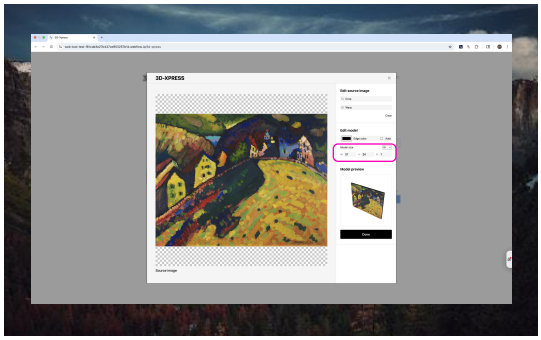
Generate Your Embed Code

Sign in at app.byrst.com . You'll see a simple "3D-Xpress" button. Just paste the URL of any product image already live on your website, adjust it's size, and click "Generate". In seconds, you'll get a snippet of code to copy and paste directly into your website.



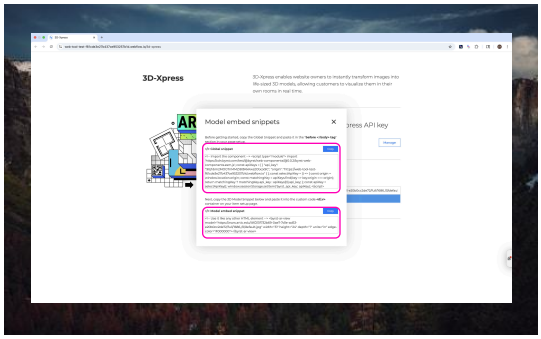
Connect your site and link your image

In your app.byrst.com account, Click the "3D-Xpress" button. First, you need to register each domain you'll use (e.g., test, staging, and production) to generate a domain specific API key. Then paste the URL of any product image already hosted on your site. No upload—just the direct link to your live image.



Specify physical dimensions

Enter the actual physical dimensions of your artwork to visualizes at the correct scale in AR. Then choose how the image should be interpreted: use it as-is, or apply dynamic cropping or warping to better match the true shape and proportions of the physical piece. Your original hosted image remains unchanged, only the display instructions are generated.



Add two simple code snippets to your site

Global snippet: Add this once per page (in the <head> or site-wide footer). It loads the 3D-Xpress web component and automatically applies your domain's API key.

Embed snippet: Place this wherever you wish to enable "View in Your Room"

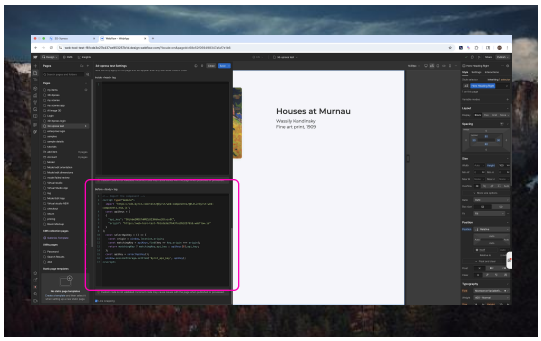
2. EMBED

For website owners

Add 3D-Xpress to Your Site

Just add two lightweight code snippets to enable customers to visualize wall art, mirrors, clocks, and more in their own spaces.

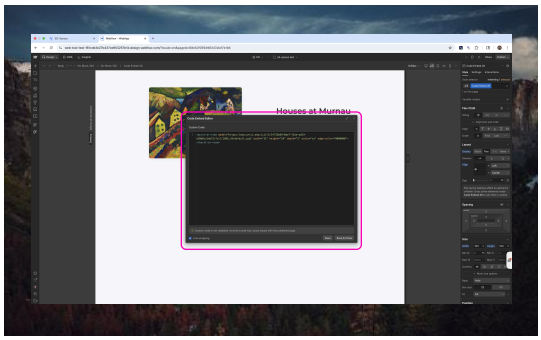
No need to download software, it is all online.



Customer's website
Webflow code panel with global snippet in "Before </body>" or "Head" section

Install the global script

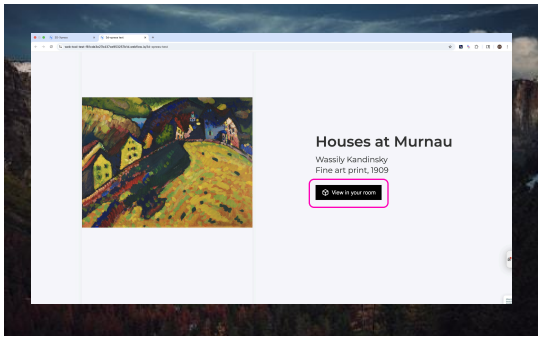
Add this once per page—ideally in the <head> or your site-wide footer (as shown in the Webflow example below). This loads the 3D-Xpress component and auto-configures your domain's API key.



Webflow showing embed code placed inside a button element

Add the "View in Your Room" button

Insert the embed snippet wherever you want the 3D experience to appear, like on a product page next to your image.



Live published page with "View in Your Room" button visible

Publish and experience 3D

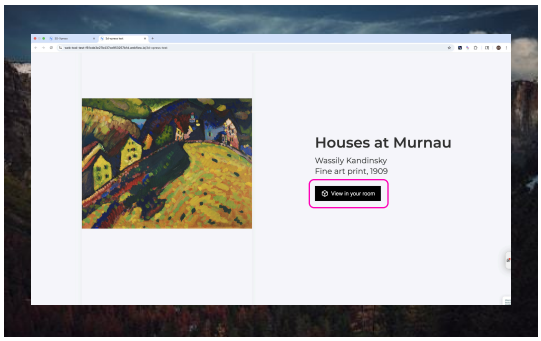
Once published, your button activates a dynamic 3D view of your artwork—using only the image already hosted on your site. On AR capable devices, it opens directly in augmented reality. On other devices, a QR code appears so users can scan and view in AR from their phone.

3. RESULTS

For website visitors

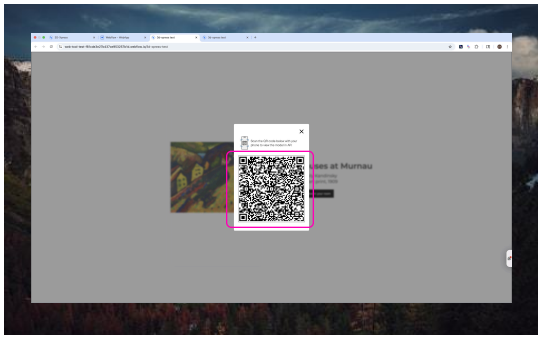
"View in Your Room" is available to all visitors

With 3D-Xpress, any website visitor can visualize your artwork in their own space at true scale whether they're on a phone, tablet, or immersive device like Apple Vision Pro.



See the "View in Your Room" button

Once the embed code is added, you will see the "View in your room" button inside a gallery, within a modal, or as a standalone call-to-action—anywhere that fits your design



Smart device detection

On **AR-capable devices** (iOS, Android, or spatial platforms like Vision Pro), the 3D model opens instantly in augmented or spatial reality.

On **non-AR devices** (like desktops), a QR code appears to be scanned with a smartphone to launch AR.

Experience in your space

The artwork appears at the exact physical dimensions you specified, ready to place, move, and view naturally in their environment. No app download required by the client.