

Converting Colors

XYZ(11.7536, 6.5465, 4.2229)

Have a look what the booklet for
XYZ(11.7536, 6.5465, 4.2229)
contains.

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Color

**XYZ(11.7290, 6.5487,
4.2603)**

Conversions

Conversions Part 1

Format	Color
Hex	8B1B37
RGB	139, 27, 55
RGB Percent	55%, 11%, 22%
CMY	0.4549, 0.8941, 0.7843
CMYK	0.00, 0.81, 0.60, 0.45
HSL	345°, 67%, 33%
HSV	345°, 81%, 55%
XYZ	11.7290, 6.5487, 4.2603
YIQ	63.6800, 57.7640, 32.4520

Conversions

Conversions Part 2

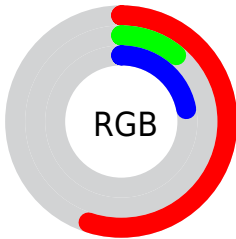
Format	Color
R_{YB}	139, 27, 55
Decimal	9116471
CIE _{Lab}	30.76, 47.39, 12.72
CIE _{LCh}	31, 49.070, 15.020
Yxy	6.5487, 0.5204, 0.2906
Android (android.graphics.Color)	4287306551 (0xFF8B1B37)
YUV	63.6800, -4.2792, 66.0556
Hunter-Lab	25.5904, 37.0296, 8.0427

Details

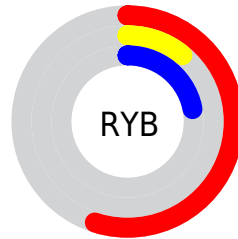
The XYZ color **11.7290, 6.5487, 4.2603** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **12.5545, 19.8462, 18.2105**, and the grayscale version is **4.8262, 5.0775, 5.5294**.

A 20% lighter version of the original color is **28.7309, 19.1319, 14.4905**, and **3.5460, 1.8204, 0.5123** is the 20% darker color. If you saturate the color by 10%, you get **11.2582, 5.9658, 2.9980**, and if you desaturate by 10%, it is **12.4038, 7.4552, 5.8513**.

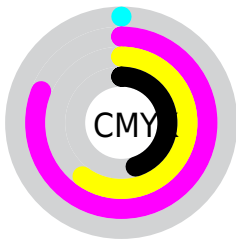
Distribution



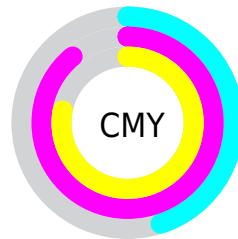
- Red (55%)
- Green (11%)
- Blue (22%)



- Red (55%)
- Yellow (11%)
- Blue (22%)



- Cyan (0%)
- Magenta (81%)
- Yellow (60%)
- Black (45%)



- Cyan (45%)
- Magenta (89%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.7290, 6.5487, 4.2603 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 11.7290, 6.5487, 4.2603 by changing the saturation by 10% instead.

■ 11.7290, 6.5487,
4.2603

■ 11.7290, 6.5487,
4.2603

196.4096,
163.8593, 151.0761

■ 6.6303, 3.1815,
1.7692

■ 28.6217, 19.0594,
14.6058

■ 3.2763, 1.2272,
0.4075

■ 41.1465, 28.9717,
23.2972

■ 1.3015, 0.0838,
0.0000

■ 56.8773, 41.8344,
34.8926

■ 0.1843, 0.0000,
0.0000

■ 76.1795, 58.0321,
49.8103

■ 0.0000, 0.0000,
0.0000

■ 99.4185, 77.9490,
68.4690

■ 126.9596,

101.9695, 91.2871

159.1682,
130.4782, 118.6833

11.7290, 6.5487,
4.2603

11.7290, 6.5487,
4.2603

11.2582, 5.9658,
2.9980

12.4038, 7.4552,
5.8513

10.9470, 5.6088,
2.0757

13.3039, 8.7230,
7.7931

14.4486, 10.3859,
10.1061

15.8547, 12.4734,
12.8089

17.5376, 15.0122,
15.9190

■ 19.5113, 18.0268,
19.4525

■ 21.7889, 21.5399,
23.4248

■ 24.3829, 25.5728,
27.8504

■ 27.3049, 30.1455,
32.7433

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



11.7303, 6.5487, 11.0533



11.7290, 6.5487, 4.2603



10.0228, 6.5487, 1.3166

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



11.7290, 6.5487, 4.2603



3.5305, 6.5487, 1.3187



5.1216, 6.5487, 28.5543

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



11.7290, 6.5487, 4.2603



12.5545, 19.8462, 18.2105

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



3.5320, 6.5487, 20.8754



11.7290, 6.5487, 4.2603



2.7844, 6.5487, 4.2666

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



11.7290, 6.5487, 4.2603



5.1189, 6.5487, 0.3940



2.7849, 6.5487, 11.0652



7.4785, 6.5487, 28.5483

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



11.7290, 6.5487, 4.2603



8.3485, 6.5487, 0.5977



2.7849, 6.5487, 11.0652



4.4950, 6.5487, 26.6430

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



11.7292, 6.5491, 4.2604



33.4804, 30.0443, 32.2421



11.6081, 6.0280, 24.9777



7.4584, 6.5318, 6.9698



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



11.7292, 6.5491, 4.2604



19.6880, 10.1722, 3.8677



12.2119, 8.3012, 1.9961



5.0808, 5.0678, 5.5141



9.8863, 5.0647, 1.9058



0.0708, 0.0357, 0.0398

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



11.7292, 6.5491, 4.2604



19.6880, 10.1722, 3.8677



10.7971, 13.4666, 26.4562



5.0808, 5.0678, 5.5141



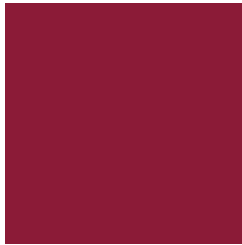
9.8863, 5.0647, 1.9058



0.0708, 0.0357, 0.0398

Previews

White Background



This preview shows how the XYZ color 11.7290, 6.5487, 4.2603 looks on a white background.

Color Contrast Check

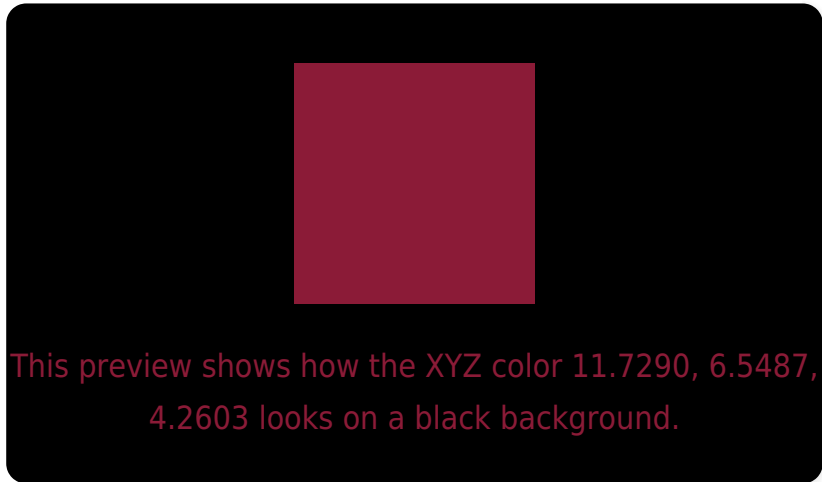
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

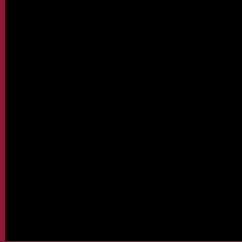
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.7290, 6.5487, 4.2603

Background



This preview shows how black text looks on a background with the XYZ color 11.7290, 6.5487, 4.2603.



This preview shows how white text looks on a background with the XYZ color 11.7290, 6.5487,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

11.7290, 6.5487, 4.2603

Protanopia

6.6549, 6.9152, 7.8215

Deuteranopia

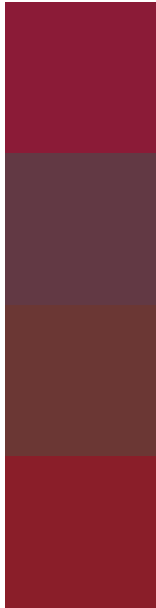
6.9488, 6.8606, 3.9756



Tritanopia

11.2723, 6.5461, 2.1083

Trichromacy



Original Color

11.7290, 6.5487, 4.2603

Protanomaly

7.5435, 5.9403, 6.2178

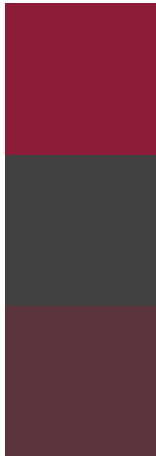
Deuteranomaly

8.0494, 6.1061, 4.0032

Tritanomaly

11.3457, 6.4919, 2.7529

Monochromacy



Original Color

11.7290, 6.5487, 4.2603

Achromatopsia

4.8732, 5.1269, 5.5832

Achromatomaly

6.3405, 4.9287, 5.0320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.7290, 6.5487, 4.2603 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(139, 27, 55)` looks like.

```
.text, #text, p{  
    color:rgb(139, 27, 55)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(139, 27, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 27, 55) }
```

Border

The CSS property to change the border of an element to XYZ 11.7290, 6.5487, 4.2603 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(139, 27, 55) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(139, 27, 55) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(139, 27, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 27, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 27, 55);  
box-shadow:4px 4px 4px 4px rgb(139, 27,  
55) }
```

Background

The CSS property to change the background color of an element to XYZ 11.7290, 6.5487, 4.2603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 27, 55) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(139, 27,  
55) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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