

Converting Colors

XYZ(11.7496, 6.9525, 7.7775)

Have a look what the booklet for
XYZ(11.7496, 6.9525, 7.7775)
contains.

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Color

**XYZ(11.7055, 6.9086,
7.7377)**

Conversions

Conversions Part 1

Format	Color
Hex	85264D
RGB	133, 38, 77
RGB Percent	52%, 15%, 30%
CMY	0.4784, 0.8510, 0.6980
CMYK	0.00, 0.71, 0.42, 0.48
HSL	335°, 56%, 34%
HSV	335°, 71%, 52%
XYZ	11.7055, 6.9086, 7.7377
YIQ	70.8510, 44.1010, 32.2690

Conversions

Conversions Part 2

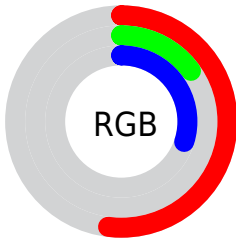
Format	Color
R_{YB}	133, 38, 77
Decimal	8726093
CIE _{Lab}	31.60, 43.60, -0.78
CIE _{LCh}	32, 43.607, 358.980
Yxy	6.9086, 0.4442, 0.2622
Android (android.graphics.Color)	4286916173 (0xFF85264D)
YUV	70.8510, 3.0315, 54.5047
Hunter-Lab	26.2842, 33.4964, 0.9448

Details

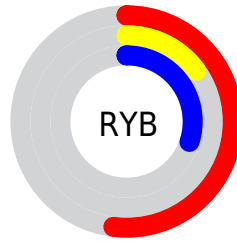
The XYZ color **11.7055, 6.9086, 7.7377** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **11.2077, 17.9954, 13.4738**, and the grayscale version is **5.9543, 6.2644, 6.8219**.

A 20% lighter version of the original color is **28.6573, 19.7658, 22.0434**, and **3.4990, 1.7721, 1.5965** is the 20% darker color. If you saturate the color by 10%, you get **11.0933, 6.1009, 6.2492**, and if you desaturate by 10%, it is **12.5034, 8.0344, 9.4530**.

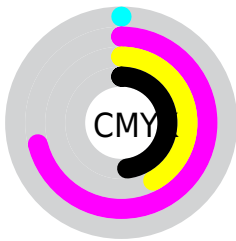
Distribution



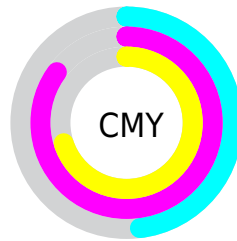
- Red (52%)
- Green (15%)
- Blue (30%)



- Red (52%)
- Yellow (15%)
- Blue (30%)



- Cyan (0%)
- Magenta (71%)
- Yellow (42%)
- Black (48%)





- Cyan (48%)
- Magenta (85%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.7055, 6.9086, 7.7377 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 11.7055, 6.9086, 7.7377 by changing the saturation by 10% instead.


 11.7055, 6.9086,
7.7377


 11.7055, 6.9086,
7.7377


196.2557,
166.9020, 183.5170


 6.6142, 3.4050,
3.8422


 28.5791, 19.7891,
21.9802


 3.2662, 1.3467,
1.5392

 41.0922, 29.9348,
33.1643


 1.2961, 0.1769,
0.2469

 56.8099, 43.0633,
47.6151

 0.1803, 0.0000,
0.0000

 76.0977, 59.5591,
65.7510

 0.0000, 0.0000,
0.0000

 99.3207, 79.8064,
87.9906

 126.8446,

104.1897, 114.7524

159.0344,
133.0935, 146.4551

■ 11.7055, 6.9086,
7.7377

■ 11.7055, 6.9086,
7.7377

■ 11.0933, 6.1009,
6.2492

■ 12.5034, 8.0344,
9.4530

■ 10.6481, 5.5757,
4.9751

■ 13.5023, 9.5067,
11.4054

■ 10.3527, 5.2585,
4.0331

■ 14.7161, 11.3522,
13.6049

■ 16.1576, 13.5944,
16.0610

■ 17.8384, 16.2550,
18.7822

■ 19.7693, 19.3541,
21.7768

■ 21.9603, 22.9104,
25.0527

■ 24.4210, 26.9416,
28.6175

■ 27.1605, 31.4644,
32.4782

Harmonies

Analogous

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



10.8480, 6.9086, 15.5485



11.7055, 6.9086, 7.7377



10.9524, 6.9086, 3.0798

Triad

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



11.7055, 6.9086, 7.7377



4.7395, 6.9086, 1.1529



4.6364, 6.9086, 23.1889

Complementary

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



11.7055, 6.9086, 7.7377



11.2077, 17.9954, 13.4738

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.



3.5425, 6.9086, 14.9564



11.7055, 6.9086, 7.7377



3.5921, 6.9086, 2.8804

Square

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



11.7055, 6.9086, 7.7377



6.6412, 6.9086, 0.7606



3.2067, 6.9086, 7.3109



6.4922, 6.9086, 27.0098

Rectangle

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



11.7055, 6.9086, 7.7377



9.7156, 6.9086, 1.6174



3.2067, 6.9086, 7.3109



4.1839, 6.9086, 20.6815

Sweetspot

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



11.7057, 6.9090, 7.7378



31.9279, 29.0821, 33.6079



9.4837, 5.4292, 22.7383



7.0277, 6.2887, 7.3083



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



11.7057, 6.9090, 7.7378



19.3138, 10.2583, 9.6588



10.9967, 7.0744, 2.6202



4.7459, 4.7181, 5.2745



9.8651, 5.0104, 3.8618



0.0377, 0.0187, 0.0317

Inverse Universe

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



11.7057, 6.9090, 7.7378



19.3138, 10.2583, 9.6588



12.3774, 16.7940, 24.7794



4.7459, 4.7181, 5.2745



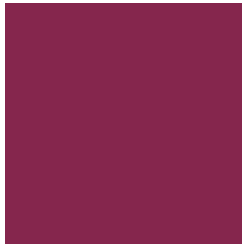
9.8651, 5.0104, 3.8618



0.0377, 0.0187, 0.0317

Previews

White Background



This preview shows how the XYZ color 11.7055, 6.9086, 7.7377 looks on a white background.

Color Contrast Check

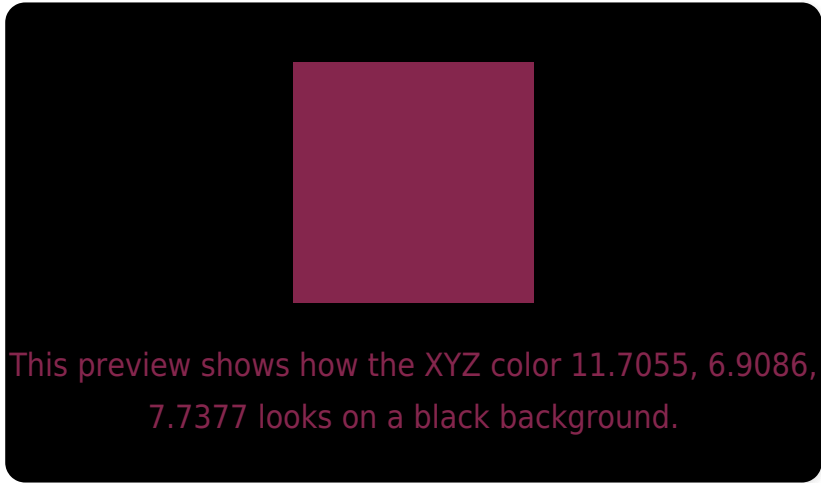
Large Text (above 18pt) WCAG AA ✓ Pass

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

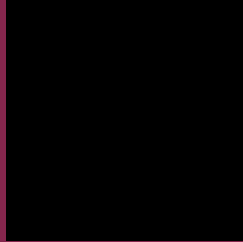
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.7055, 6.9086, 7.7377

Background



This preview shows how black text looks on a background with the XYZ color 11.7055, 6.9086, 7.7377.



This preview shows how white text looks on a background with the XYZ color 11.7055, 6.9086,

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

11.7055, 6.9086, 7.7377

Protanopia

7.2706, 7.2175, 13.0665

Deuteranopia

7.2084, 7.1178, 7.1248



Tritanopia

10.8320, 6.9155, 3.5602

Trichromacy



Original Color

11.7055, 6.9086, 7.7377

Protanomaly

8.0680, 6.4933, 10.9533

Deuteranomaly

8.3314, 6.5509, 7.3039

Tritanomaly

11.1331, 6.8772, 4.8783

Monochromacy



Original Color

11.7055, 6.9086, 7.7377

Achromatopsia

5.9891, 6.3010, 6.8618

Achromatomaly

7.3827, 5.9887, 7.0701

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.7055, 6.9086, 7.7377 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(133, 38, 77)` looks like.

```
.text, #text, p{  
    color:rgb(133, 38, 77)  
}
```

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(133, 38, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 38, 77) }
```

Border

The CSS property to change the border of an element to XYZ 11.7055, 6.9086, 7.7377 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(133, 38, 77) }
```


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

```
.border{ border-color:rgb(133, 38, 77) }
```

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

Here you see how a box with a 4 pixel rgb(133, 38, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 38, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 38, 77);  
box-shadow:4px 4px 4px 4px rgb(133, 38,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 11.7055, 6.9086, 7.7377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 38, 77) }
```

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

```
.background{ background-color: rgb(133, 38,  
77) }
```

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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