

Converting Colors

XYZ(11.8022, 6.2087, 0.7774)

Have a look what the booklet for
XYZ(11.8022, 6.2087, 0.7774)
contains.

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Color

**XYZ(11.8022, 6.2087,
0.7774)**

Conversions

Conversions Part 1

Format	Color
Hex	910807
RGB	145, 8, 7
RGB Percent	57%, 3%, 3%
CMY	0.4314, 0.9686, 0.9725
CMYK	0.00, 0.94, 0.95, 0.43
HSL	0°, 91%, 30%
HSV	0°, 95%, 57%
XYZ	11.8022, 6.2087, 0.7774
YIQ	48.8490, 81.9730, 28.7330

Conversions

Conversions Part 2

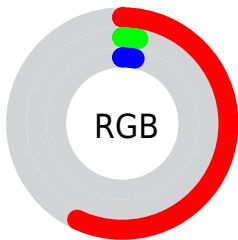
Format	Color
R_YB	145, 8, 7
Decimal	9504775
CIE Lab	29.93, 51.46, 40.49
CIE LCh	30, 65.479, 38.196
Yxy	6.2087, 0.6282, 0.3305
Android (android.graphics.Color)	4287694855 (0xFF910807)
YUV	48.8490, -20.6316, 84.3244
Hunter-Lab	24.9173, 40.9423, 15.5923

Details

The XYZ color **11.8022, 6.2087, 0.7774** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **15.1690, 22.0306, 30.2406**, and the grayscale version is **2.9194, 3.0715, 3.3448**.

A 20% lighter version of the original color is **28.8007, 18.4109, 5.2845**, and **3.7463, 1.9313, 0.1753** is the 20% darker color. If you saturate the color by 10%, you get **11.6885, 6.0429, 0.5503**, and if you desaturate by 10%, it is **12.1118, 6.6654, 1.3823**.

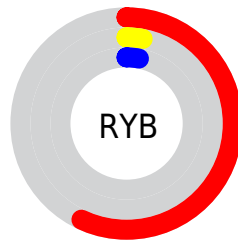
Distribution



Red (57%)

Green (3%)

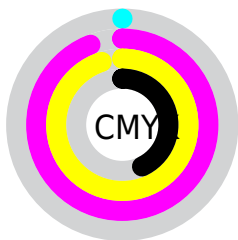
Blue (3%)



Red (57%)

Yellow (3%)

Blue (3%)

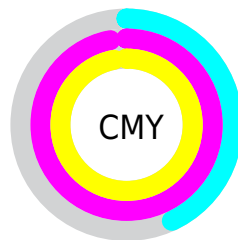


Cyan (0%)

Magenta (94%)

Yellow (95%)

Black (43%)



Cyan (43%)


Magenta (97%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.8022, 6.2087, 0.7774 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 11.8022, 6.2087, 0.7774 by changing the saturation by 10% instead.


 11.8022, 6.2087,
0.7774


 11.8022, 6.2087,
0.7774


 196.8881,
160.9166, 99.1874


 6.6804, 2.9724,
0.0000


 28.7543, 18.3626,
5.3358


 3.3076, 1.1173,
0.0000

 41.3153, 28.0490,
10.0648


 1.3184, 0.0000,
0.0000

 57.0868, 40.6543,
16.9890

 0.1969, 0.0000,
0.0000

 76.4341, 56.5627,
26.5270


 0.0000, 0.0000,
0.0000


 99.7225, 76.1588,
39.0973


 127.3174, 99.8268,


55.1185

 159.5842,
127.9513, 75.0090


 11.8022, 6.2087,
0.7774


 11.8022, 6.2087,
0.7774


 11.6885, 6.0429,
0.5503

 12.1118, 6.6654,
1.3823

 12.6509, 7.4581,
2.4420

 13.4560, 8.6393,
4.0330

 14.5555, 10.2502,
6.2126

 15.9740, 12.3265,
9.0305

■ 17.7337, 14.9005,
12.5314

■ 19.8546, 18.0014,
16.7558

■ 22.3554, 21.6562,
21.7411

■ 25.2533, 25.8901,
27.5221

Harmonies

Analogous

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



13.8004, 6.2087, 4.6404



11.8022, 6.2087, 0.7774



8.3540, 6.2087, 0.0000

Triad

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



11.8022, 6.2087, 0.7774



1.9635, 6.2087, 2.2489



6.7758, 6.2087, 40.6446

Complementary

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



11.8022, 6.2087, 0.7774



15.1690, 22.0306, 30.2406

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.



3.9827, 6.2087, 37.3384



11.8022, 6.2087, 0.7774



1.7960, 6.2087, 9.4435

Square

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



11.8022, 6.2087, 0.7774



2.9707, 6.2087, 0.0104



2.3921, 6.2087, 23.3334



10.3125, 6.2087, 30.3560

Rectangle

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



11.8022, 6.2087, 0.7774



6.0874, 6.2087, 0.0000



2.3921, 6.2087, 23.3334



5.7188, 6.2087, 41.1857

Sweetspot

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



11.8023, 6.2091, 0.7775



33.7911, 29.6566, 26.4892



16.8637, 8.2160, 27.4848



7.2026, 6.1375, 5.2663



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



11.8023, 6.2091, 0.7775



20.9270, 10.8107, 0.9837



14.2998, 11.2040, 1.6100



5.4119, 5.4301, 5.6522



10.0266, 5.1850, 0.4723



0.0964, 0.0506, 0.0047

Inverse Universe

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



15.1690, 22.0306, 30.2406



26.9888, 39.3331, 54.1431



7.7829, 7.2584, 27.7786



5.5569, 6.1096, 6.9152



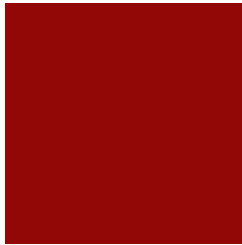
12.9301, 18.8463, 25.9333



0.1243, 0.1816, 0.2482

Previews

White Background



This preview shows how the XYZ color 11.8022, 6.2087, 0.7774 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 11.8022, 6.2087, 0.7774

Background



This preview shows how black text looks on a background with the XYZ color 11.8022, 6.2087, 0.7774.



This preview shows how white text looks on a background with the XYZ color 11.8022, 6.2087,

0.7774.

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

11.8022, 6.2087, 0.7774

Protanopia

5.9976, 6.6131, 1.6698

Deuteranopia

6.6038, 6.6556, 0.9366



Tritanopia

11.6455, 6.2171, 0.5862

Trichromacy



Original Color

11.8022, 6.2087, 0.7774

Protanomaly

7.0175, 5.2373, 1.1312

Deuteranomaly

7.5885, 5.4191, 0.7322

Tritanomaly

11.6377, 6.1752, 0.6647

Monochromacy



Original Color

11.8022, 6.2087, 0.7774

Achromatopsia

2.9193, 3.0713, 3.3447

Achromatomaly

4.5169, 3.1444, 1.8822

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.8022, 6.2087, 0.7774 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(145, 8, 7)` looks like.

```
.text, #text, p{  
    color:rgb(145, 8, 7)  
}
```

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(145, 8, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 8, 7) }
```

Border

The CSS property to change the border of an element to XYZ 11.8022, 6.2087, 0.7774 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(145, 8, 7) }
```


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

```
.border{ border-color:rgb(145, 8, 7) }
```

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

Here you see how a box with a 4 pixel rgb(145, 8, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 8, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(145, 8, 7); box-shadow:4px  
4px 4px 4px rgb(145, 8, 7) }
```

Background

The CSS property to change the background color of an element to XYZ 11.8022, 6.2087, 0.7774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 8, 7) }
```

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

```
.background{ background-color: rgb(145, 8,  
7) }
```

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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