

Converting Colors

XYZ(11.2007, 9.6789, 2.3823)

Have a look what the booklet for
XYZ(11.2007, 9.6789, 2.3823)
contains.

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Color

**XYZ(11.1757, 9.6767,
2.3774)**

Conversions

Conversions Part 1

Format	Color
Hex	7C4D1C
RGB	124, 77, 28
RGB Percent	49%, 30%, 11%
CMY	0.5137, 0.6980, 0.8902
CMYK	0.00, 0.38, 0.77, 0.51
HSL	31°, 63%, 30%
HSV	31°, 77%, 49%
XYZ	11.1757, 9.6767, 2.3774
YIQ	85.4670, 43.7410, -5.2750

Conversions

Conversions Part 2

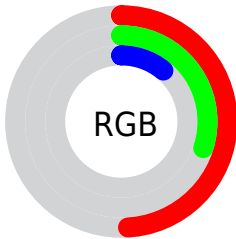
Format	Color
RYB	120, 124, 28
Decimal	8146204
CIELab	37.26, 15.40, 35.92
CIElCh	37, 39.083, 66.792
Yxy	9.6767, 0.4811, 0.4166
Android (android.graphics.Color)	4286336284 (0xFF7C4D1C)
YUV	85.4670, -28.3312, 33.7934
Hunter-Lab	31.1074, 9.6903, 17.2439

Details

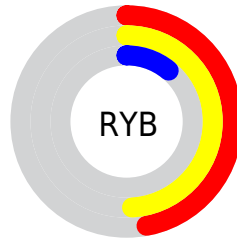
The XYZ color **11.1757, 9.6767, 2.3774** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **6.6330, 6.7340, 20.0189**, and the grayscale version is **8.7843, 9.2418, 10.0643**.

A 20% lighter version of the original color is **27.5532, 25.1330, 10.0556**, and **3.1150, 2.3726, 0.2938** is the 20% darker color. If you saturate the color by 10%, you get **10.6517, 8.8193, 1.6156**, and if you desaturate by 10%, it is **11.8010, 10.6389, 3.4750**.

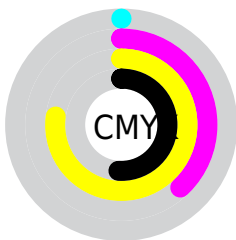
Distribution



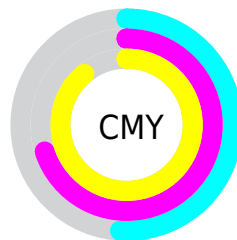
- Red (49%)
- Green (30%)
- Blue (11%)



- Red (47%)
- Yellow (49%)
- Blue (11%)



- Cyan (0%)
- Magenta (38%)
- Yellow (77%)
- Black (51%)




- Cyan (51%)
- Magenta (70%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.1757, 9.6767, 2.3774 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 11.1757, 9.6767, 2.3774 by changing the saturation by 10% instead.


 11.1757, 9.6767,
2.3774


 11.1757, 9.6767,
2.3774


192.7525,
188.3488, 127.9864


 6.2533, 5.1851,
0.7741


 27.6147, 25.1856,
10.0490


 3.0418, 2.3563,
0.0000

 39.8620, 36.9717,
16.9667


 1.1759, 0.8033,
0.0000

 55.2816, 51.9582,
26.4970

 0.0872, 0.0000,
0.0000

 74.2390, 70.5293,
39.0584


 0.0000, 0.0000,
0.0000


 97.0994, 93.0696,
55.0695


 124.2282,


119.9633, 74.9488


 155.9908,
151.5949, 99.1149


 11.1757, 9.6767,
2.3774


 11.1757, 9.6767,
2.3774


 10.6517, 8.8193,
1.6156


 11.8010, 10.6389,
3.4750


 10.2121, 8.0569,
1.1089

 12.5346, 11.7091,
4.9438

 10.1061, 7.8729,
0.9870

 13.3838, 12.8923,
6.8148

 14.3545, 14.1923,
9.1159

 15.4526, 15.6131,
11.8725

■ 16.6832, 17.1580,
15.1076

■ 18.0514, 18.8306,
18.8432

■ 19.5617, 20.6340,
23.0994

■ 21.2187, 22.5713,
27.8956

Harmonies

Analogous

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



13.4958, 9.6767, 4.3580



11.1757, 9.6767, 2.3774



8.6530, 9.6767, 2.0276

Triad

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



11.1757, 9.6767, 2.3774



5.2768, 9.6767, 12.2088



12.3076, 9.6767, 25.4006

Complementary

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



11.1757, 9.6767, 2.3774



6.6330, 6.7340, 20.0189

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.



9.7642, 9.6767, 30.3383



11.1757, 9.6767, 2.3774



5.9249, 9.6767, 20.8228

Square

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



11.1757, 9.6767, 2.3774



5.5201, 9.6767, 6.0739



7.4676, 9.6767, 28.3700



14.2260, 9.6767, 16.7773

Rectangle

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



11.1757, 9.6767, 2.3774



7.2382, 9.6767, 2.5116



7.4676, 9.6767, 28.3700



11.4816, 9.6767, 27.6874

Sweetspot

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



11.1759, 9.6772, 2.3776



28.0034, 28.5019, 22.9951



10.0320, 5.6375, 7.3970



6.4442, 6.5215, 5.0232



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



11.1759, 9.6772, 2.3776



18.1388, 14.4645, 2.1600



15.7294, 18.7842, 3.8954



4.1517, 4.3218, 4.2399



10.2712, 7.9983, 1.0025



48.1402, 36.4438, 4.4971

Inverse Universe

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



6.6330, 6.7340, 20.0189



9.7439, 9.0346, 34.7869



4.5323, 2.5327, 19.3187



3.9445, 4.1874, 5.0435



5.3763, 4.8350, 20.0352



24.7982, 21.3691, 95.2874

Previews

White Background



This preview shows how the XYZ color 11.1757, 9.6767, 2.3774 looks on a white background.

Color Contrast Check

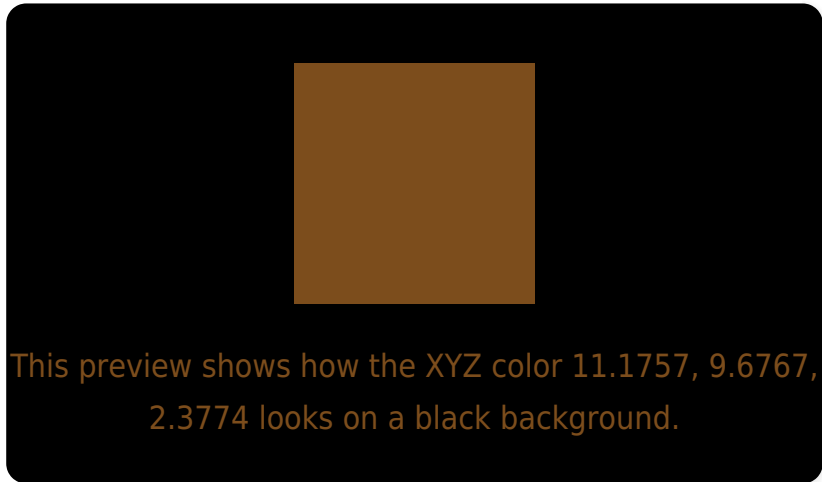
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.1757, 9.6767, 2.3774

Background



This preview shows how black text looks on a background with the XYZ color 11.1757, 9.6767, 2.3774.



This preview shows how white text looks on a background with the XYZ color 11.1757, 9.6767,

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

11.1757, 9.6767, 2.3774

Protanopia

8.8826, 9.7310, 2.7064

Deuteranopia

9.9123, 9.7947, 2.3454



Tritanopia

12.4093, 9.6826, 8.2361

Trichromacy



Original Color

11.1757, 9.6767, 2.3774

Protanomaly

9.5890, 9.6225, 2.5802

Deuteranomaly

10.3427, 9.6770, 2.3596

Tritanomaly

11.8424, 9.6489, 5.3759

Monochromacy



Original Color

11.1757, 9.6767, 2.3774

Achromatopsia

8.6345, 9.0842, 9.8927

Achromatomaly

9.0883, 9.0574, 6.1197

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1757, 9.6767, 2.3774 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(124, 77, 28)` looks like.

```
.text, #text, p{  
    color:rgb(124, 77, 28)  
}
```

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(124, 77, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 77, 28) }
```

Border

The CSS property to change the border of an element to XYZ 11.1757, 9.6767, 2.3774 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(124, 77, 28) }
```


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

```
.border{ border-color:rgb(124, 77, 28) }
```

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

Here you see how a box with a 4 pixel rgb(124, 77, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 77, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 77, 28);  
box-shadow:4px 4px 4px 4px rgb(124, 77,  
28) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1757, 9.6767, 2.3774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 77, 28) }
```

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

```
.background{ background-color: rgb(124, 77,  
28) }
```

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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