

Converting Colors

XYZ(11.9093, 11.8425, 3.3236)

Have a look what the booklet for
XYZ(11.9093, 11.8425, 3.3236)
contains.

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Color

**XYZ(11.8913, 11.7747,
3.3151)**

Conversions

Conversions Part 1

Format	Color
Hex	785C24
RGB	120, 92, 36
RGB Percent	47%, 36%, 14%
CMY	0.5294, 0.6392, 0.8588
CMYK	0.00, 0.23, 0.70, 0.53
HSL	40°, 54%, 31%
HSV	40°, 70%, 47%
XYZ	11.8913, 11.7747, 3.3151
YIQ	93.9880, 34.6640, -11.4800

Conversions

Conversions Part 2

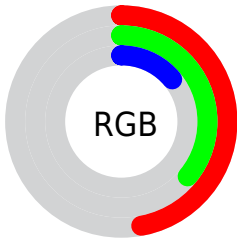
Format	Color
R_{YB}	78, 120, 36
Decimal	7887908
CIE _{Lab}	40.86, 5.01, 35.58
CIE _{LCh}	41, 35.926, 81.992
Yxy	11.7747, 0.4407, 0.4364
Android (android.graphics.Color)	4286077988 (0xFF785C24)
YUV	93.9880, -28.5881, 22.8125
Hunter-Lab	34.3143, 1.8075, 18.2920

Details

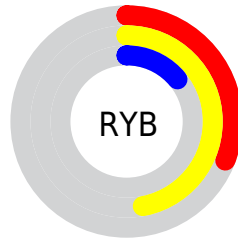
The XYZ color **11.8913, 11.7747, 3.3151** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **5.9511, 5.3978, 18.4974**, and the grayscale version is **10.6965, 11.2535, 12.2551**.

A 20% lighter version of the original color is **28.9524, 29.1001, 12.4784**, and **3.4312, 3.2192, 0.4405** is the 20% darker color. If you saturate the color by 10%, you get **11.4006, 11.0390, 2.3941**, and if you desaturate by 10%, it is **12.4624, 12.5727, 4.5665**.

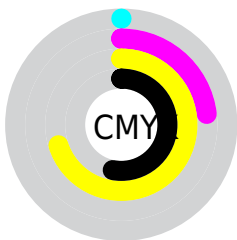
Distribution



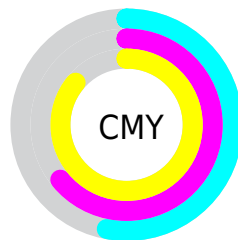
- Red (47%)
- Green (36%)
- Blue (14%)



- Red (31%)
- Yellow (47%)
- Blue (14%)



- Cyan (0%)
- Magenta (23%)
- Yellow (70%)
- Black (53%)



- Cyan (53%)
- Magenta (64%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.8913, 11.7747, 3.3151 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 11.8913, 11.7747, 3.3151 by changing the saturation by 10% instead.

■ 11.8913, 11.7747,
3.3151

■ 11.8913, 11.7747,
3.3151

197.4690,
202.9080, 140.2779

■ 6.7414, 6.5905,
1.2577

■ 28.9156, 29.0841,
12.3965

■ 3.3458, 3.2073,
0.0267

■ 41.5206, 41.9780,
20.2577

■ 1.3391, 1.2409,
0.0000

■ 57.3414, 58.2107,
30.8904

■ 0.2122, 0.0947,
0.0000

■ 76.7433, 78.1664,
44.7134

■ 0.0000, 0.0000,
0.0000

■ 100.0916,
102.2296, 62.1451

■ 127.7518,

130.7847, 83.6040

160.0891,
164.2160, 109.5088

11.8913, 11.7747,
3.3151

11.8913, 11.7747,
3.3151

11.4006, 11.0390,
2.3941

12.4624, 12.5727,
4.5665

10.9827, 10.3609,
1.7689

13.1187, 13.4341,
6.1768

10.6147, 9.7310,
1.3189

13.8660, 14.3620,
8.1725

10.6146, 9.7309,
1.3188

14.7087, 15.3586,
10.5772

15.6514, 16.4262,
13.4124

■ 16.6980, 17.5668,
16.6985

■ 17.8525, 18.7822,
20.4543

■ 19.1183, 20.0743,
24.6975

■ 20.4990, 21.4450,
29.4451

Harmonies

Analogous

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



14.5041, 11.7747, 4.6126



11.8913, 11.7747, 3.3151



9.4477, 11.7747, 3.6888

Triad

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



11.8913, 11.7747, 3.3151



7.2200, 11.7747, 18.8568



15.5348, 11.7747, 23.6068

Complementary

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



11.8913, 11.7747, 3.3151



5.9511, 5.3978, 18.4974

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.



13.1377, 11.7747, 30.8357



11.8913, 11.7747, 3.3151



8.4261, 11.7747, 27.4431

Square

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



11.8913, 11.7747, 3.3151



6.9909, 11.7747, 10.9554



10.5197, 11.7747, 32.4578



16.8072, 11.7747, 14.8864

Rectangle

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



11.8913, 11.7747, 3.3151



8.2110, 11.7747, 4.9386



10.5197, 11.7747, 32.4578



14.8179, 11.7747, 26.4103

Sweetspot

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



11.8916, 11.7753, 3.3153



27.2652, 28.5981, 22.7840



9.3021, 5.6251, 5.4462



6.3729, 6.6780, 5.1300



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



11.8916, 11.7753, 3.3153



19.5918, 18.6812, 3.4866



12.9788, 16.6244, 4.1940



4.2005, 4.4195, 4.2561



11.5667, 10.5894, 1.4343



54.3676, 48.8987, 6.5729

Inverse Universe

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



5.9511, 5.3978, 18.4974



8.4546, 6.7777, 32.1157



5.3366, 3.2961, 18.1241



3.8967, 4.0917, 5.0276



4.5139, 3.1103, 19.7477



20.8235, 13.4195, 93.9625

Previews

White Background



This preview shows how the XYZ color 11.8913, 11.7747, 3.3151 looks on a white background.

Color Contrast Check

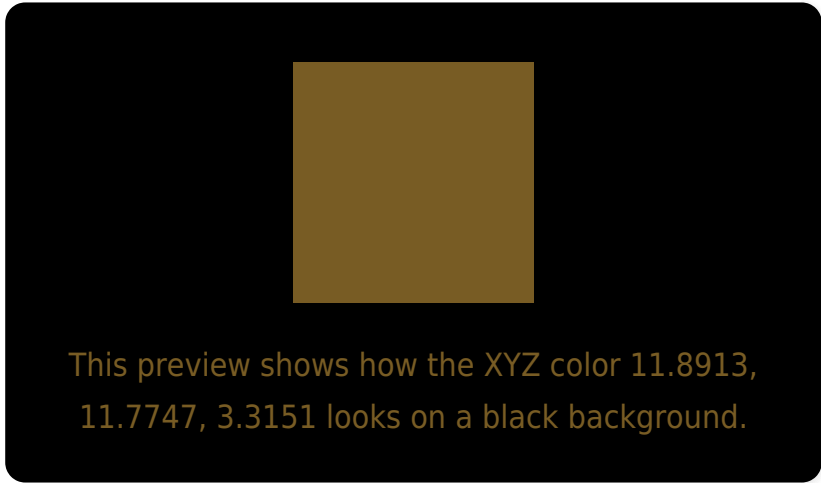
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

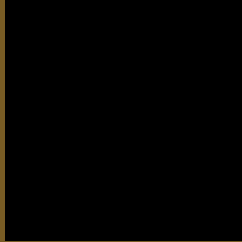
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.8913, 11.7747, 3.3151

Background



This preview shows how black text looks on a background with the XYZ color 11.8913, 11.7747, 3.3151.



This preview shows how white text looks on a background with the XYZ color 11.8913, 11.7747,

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

11.8913, 11.7747, 3.3151

Protanopia

10.7930, 11.8711, 3.4728

Deuteranopia

11.8913, 11.7747, 3.3151



Tritanopia

13.6158, 11.7310, 11.9026

Trichromacy



Original Color

11.8913, 11.7747, 3.3151

Protanomaly

11.1082, 11.7627, 3.4352

Deuteranomaly

11.8913, 11.7747, 3.3151

Tritanomaly

12.8278, 11.6583, 7.7051

Monochromacy



Original Color

11.8913, 11.7747, 3.3151

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.7105, 11.1933, 7.8994

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.8913, 11.7747, 3.3151 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(120, 92, 36)` looks like.

```
.text, #text, p{  
    color:rgb(120, 92, 36)  
}
```

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(120, 92, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 92, 36) }
```

Border

The CSS property to change the border of an element to XYZ 11.8913, 11.7747, 3.3151 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(120, 92, 36) }
```


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

```
.border{ border-color:rgb(120, 92, 36) }
```

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

Here you see how a box with a 4 pixel rgb(120, 92, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 92, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 92, 36);  
box-shadow:4px 4px 4px 4px rgb(120, 92,  
36) }
```

Background

The CSS property to change the background color of an element to XYZ 11.8913, 11.7747, 3.3151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 92, 36) }
```

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

```
.background{ background-color: rgb(120, 92,  
36) }
```

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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