

Converting Colors

XYZ(11.8166, 11.8114, 12.3101)

Have a look what the booklet for
XYZ(11.8166, 11.8114, 12.3101)
contains.

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Color

**XYZ(11.8488, 11.8168,
12.2460)**

Conversions

Conversions Part 1

Format	Color
Hex	695E5E
RGB	105, 94, 94
RGB Percent	41%, 37%, 37%
CMY	0.5882, 0.6314, 0.6314
CMYK	0.00, 0.10, 0.10, 0.59
HSL	0°, 6%, 39%
HSV	0°, 10%, 41%
XYZ	11.8488, 11.8168, 12.2460
YIQ	97.2890, 6.5560, 2.3320

Conversions

Conversions Part 2

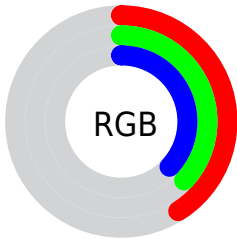
Format	Color
RYB	105, 94, 94
Decimal	6905438
CIELab	40.92, 4.42, 1.60
CIELCh	41, 4.697, 19.963
Yxy	11.8168, 0.3299, 0.3291
Android (android.graphics.Color)	4285095518 (0xFF695E5E)
YUV	97.2890, -1.6215, 6.7625
Hunter-Lab	34.3756, 1.3693, 2.9414

Details

The XYZ color **11.8488, 11.8168, 12.2460** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.2175, 13.5026, 15.3272**, and the grayscale version is **11.4364, 12.0320, 13.1028**.

A 20% lighter version of the original color is **28.7176, 29.0281, 30.4750**, and **3.3354, 3.2268, 3.2434** is the 20% darker color. If you saturate the color by 10%, you get **10.5385, 9.8996, 9.6406**, and if you desaturate by 10%, it is **13.3509, 14.0147, 15.2319**.

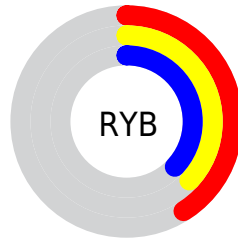
Distribution



Red (41%)

Green (37%)

Blue (37%)



Red (41%)

Yellow (37%)

Blue (37%)

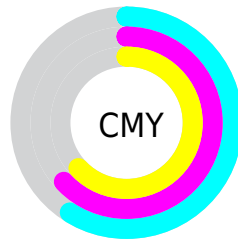


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (59%)



Cyan (59%)

Magenta (63%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.8488, 11.8168, 12.2460 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 11.8488, 11.8168, 12.2460 by changing the saturation by 10% instead.

■ 11.8488, 11.8168,
12.2460

■ 11.8488, 11.8168,
12.2460

197.1921,
203.1887, 217.0625

■ 6.7123, 6.6191,
6.7869

■ 28.8387, 29.1610,
30.6134

■ 3.3275, 3.2250,
3.2528

■ 41.4227, 42.0763,
44.3588

■ 1.3292, 1.2503,
1.2251

■ 57.2200, 58.3328,
61.7034

■ 0.2049, 0.1022,
0.0000

■ 76.5959, 78.3150,
83.0656

■ 0.0000, 0.0000,
0.0000

99.9157, 102.4073,
108.8641

127.5447,

130.9941, 139.5174

159.8484,
164.4597, 175.4440

■ 11.8488, 11.8168,
12.2460

■ 11.8488, 11.8168,
12.2460

■ 10.5385, 9.8996,
9.6406

■ 13.3509, 14.0147,
15.2319

■ 9.4114, 8.2502,
7.3998

■ 15.0510, 16.5024,
18.6119

■ 8.4595, 6.8574,
5.5075

■ 16.9563, 19.2902,
22.3999

■ 7.6741, 5.7081,
3.9461

■ 19.0733, 22.3879,
26.6089

■ 7.0456, 4.7884,
2.6968

■ 21.4083, 25.8045,
31.2513

■ 6.5635, 4.0829,
1.7385

■ 23.9673, 29.5488,
36.3390

■ 6.2159, 3.5743,
1.0477

■ 26.7559, 33.6292,
41.8835

■ 5.9893, 3.2427,
0.5974

■ 29.7799, 38.0538,
47.8957

■ 5.8260, 3.0037,
0.2727

■ 33.0444, 42.8304,
54.3863

Harmonies

Analogous

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



11.8788, 11.8168, 13.1912



11.8488, 11.8168, 12.2460



11.6516, 11.8168, 11.5032

Triad

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



11.8488, 11.8168, 12.2460



10.7448, 11.8168, 11.7143



11.1195, 11.8168, 14.7727

Complementary

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



11.8488, 11.8168, 12.2460



12.2175, 13.5026, 15.3272

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.



10.8216, 11.8168, 14.3334



11.8488, 11.8168, 12.2460



10.6082, 11.8168, 12.5472

Square

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



11.8488, 11.8168, 12.2460



11.0127, 11.8168, 11.2070



10.6360, 11.8168, 13.5076



11.4532, 11.8168, 14.6822

Rectangle

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



11.8488, 11.8168, 12.2460



11.4540, 11.8168, 11.2077



10.6360, 11.8168, 13.5076



11.0119, 11.8168, 14.6813

Sweetspot

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



11.8491, 11.8173, 12.2463



23.1705, 24.0184, 25.8118



12.3784, 12.0288, 15.0342



5.3837, 5.5619, 5.9589



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



11.8491, 11.8173, 12.2463



20.5023, 20.1143, 20.5073



12.3556, 12.8303, 12.4151



3.0998, 3.1169, 3.2557



7.3767, 3.8032, 0.3453



37.5869, 19.3775, 1.7592

Inverse Universe

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



12.2175, 13.5026, 15.3272



21.3287, 23.8951, 27.4191



11.6754, 12.4185, 15.1465



3.1817, 3.4918, 3.9412



9.6224, 14.0791, 19.1326



49.0297, 71.7379, 97.4889

Previews

White Background



This preview shows how the XYZ color 11.8488, 11.8168, 12.2460 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



This preview shows how the XYZ color 11.8488, 11.8168, 12.2460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

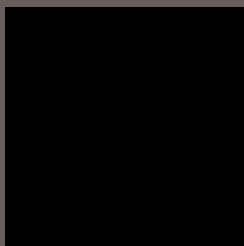
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.8488, 11.8168, 12.2460

Background



This preview shows how black text looks on a background with the XYZ color 11.8488, 11.8168, 12.2460.

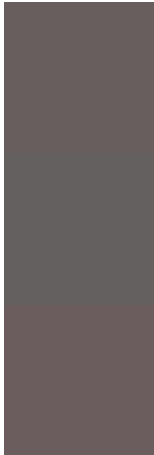


This preview shows how white text looks on a background with the XYZ color 11.8488, 11.8168,

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

11.8488, 11.8168, 12.2460

Protanopia

11.3940, 11.8446, 12.5122

Deuteranopia

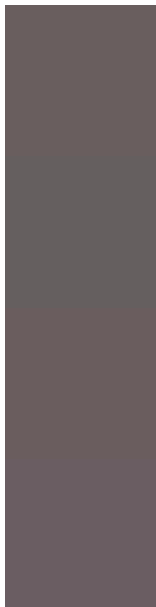
11.9981, 11.7627, 12.2277



Tritanopia

12.1585, 11.8130, 13.6959

Trichromacy



Original Color

11.8488, 11.8168, 12.2460

Protanomaly

11.5246, 11.7773, 12.4923

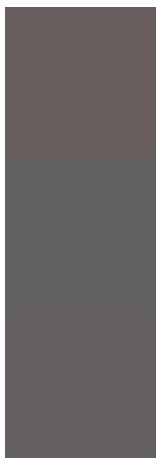
Deuteranomaly

11.8786, 11.7010, 12.2221

Tritanomaly

12.0628, 11.7747, 13.1922

Monochromacy



Original Color

11.8488, 11.8168, 12.2460

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.5497, 11.9196, 12.7583

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.8488, 11.8168, 12.2460 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(105, 94, 94)` looks like.

```
.text, #text, p{  
    color:rgb(105, 94, 94)  
}
```

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(105, 94, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 94, 94) }
```

Border

The CSS property to change the border of an element to XYZ 11.8488, 11.8168, 12.2460 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(105, 94, 94) }
```


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

```
.border{ border-color:rgb(105, 94, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 94, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 94, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 94, 94);  
box-shadow:4px 4px 4px 4px rgb(105, 94,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 11.8488, 11.8168, 12.2460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 94, 94) }
```

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

```
.background{ background-color: rgb(105, 94,  
94) }
```

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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