

Converting Colors

XYZ(11.1768, 11.0434, 10.6940)

Have a look what the booklet for
XYZ(11.1768, 11.0434, 10.6940)
contains.

XYZ(11.1265, 10.9600, 10.7616)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(11.1265, 10.9600,
10.7616)**

Conversions

Conversions Part 1

Format	Color
Hex	685A58
RGB	104, 90, 88
RGB Percent	41%, 35%, 35%
CMY	0.5922, 0.6470, 0.6549
CMYK	0.00, 0.13, 0.15, 0.59
HSL	8°, 8%, 38%
HSV	8°, 15%, 41%
XYZ	11.1265, 10.9600, 10.7616
YIQ	93.9580, 8.9860, 2.3460

Conversions

Conversions Part 2

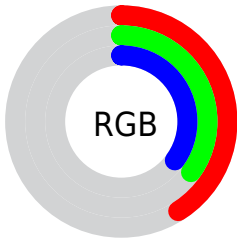
Format	Color
R_{YB}	104, 90, 88
Decimal	6838872
CIE Lab	39.51, 5.31, 3.24
CIE LCh	40, 6.223, 31.393
Yxy	10.9600, 0.3387, 0.3337
Android (android.graphics.Color)	4285028952 (0xFF685A58)
YUV	93.9580, -2.9373, 8.8068
Hunter-Lab	33.1059, 2.0564, 3.9010

Details

The XYZ color **11.1265, 10.9600, 10.7616** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.2744, 12.5765, 14.9299**, and the grayscale version is **10.6349, 11.1887, 12.1845**.

A 20% lighter version of the original color is **27.4831, 27.5597, 27.9158**, and **3.0241, 2.8456, 2.6754** is the 20% darker color. If you saturate the color by 10%, you get **10.0051, 9.3581, 8.4119**, and if you desaturate by 10%, it is **12.4039, 12.7754, 13.4669**.

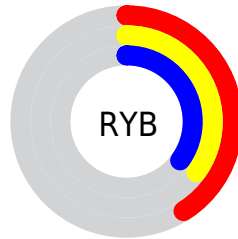
Distribution



Red (41%)

Green (35%)

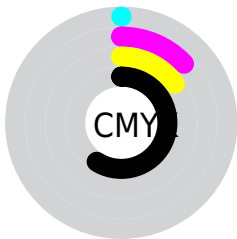
Blue (35%)



Red (41%)

Yellow (35%)

Blue (35%)

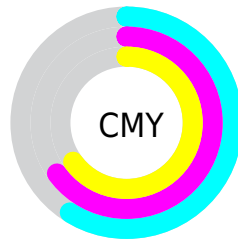


Cyan (0%)

Magenta (13%)

Yellow (15%)

Black (59%)



Cyan (59%)

Magenta (65%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1265, 10.9600, 10.7616 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 11.1265, 10.9600, 10.7616 by changing the saturation by 10% instead.

■ 11.1265, 10.9600,
10.7616

■ 11.1265, 10.9600,
10.7616

192.4238,
197.3929, 206.7030

■ 6.2199, 6.0399,
5.7946

■ 27.5247, 27.5862,
27.8484

■ 3.0212, 2.8694,
2.6538

■ 39.7471, 40.0611,
40.8052

■ 1.1650, 1.0639,
0.9201

■ 55.1387, 55.8231,
57.2624

■ 0.0784, 0.0000,
0.0000

■ 74.0650, 75.2565,
77.6386

■ 0.0000, 0.0000,
0.0000

■ 96.8913, 98.7458,
102.3521

123.9830,

126.6754, 131.8217

155.7053,
159.4296, 166.4658

■ 11.1265, 10.9600,
10.7616

■ 11.1265, 10.9600,
10.7616

■ 10.0051, 9.3581,
8.4119

■ 12.4039, 12.7754,
13.4669

■ 9.0329, 7.9604,
6.4023

■ 13.8422, 14.8102,
16.5409

■ 8.2038, 6.7592,
4.7172

■ 15.4468, 17.0720,
19.9971

■ 7.5110, 5.7456,
3.3395

■ 17.2231, 19.5674,
23.8480

■ 6.9472, 4.9101,
2.2507

■ 19.1758, 22.3029,
28.1054

■ 6.5042, 4.2423,
1.4301

■ 21.3096, 25.2847,
32.7809

■ 6.1730, 3.7309,
0.8543

■ 23.6291, 28.5188,
37.8854

■ 5.9390, 3.3612,
0.4736

■ 26.1387, 32.0109,
43.4295

■ 5.8530, 3.2313,
0.3152

■ 28.8425, 35.7666,
49.4233

Harmonies

Analogous

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



11.2510, 10.9600, 11.8771



11.1265, 10.9600, 10.7616



10.8112, 10.9600, 10.0044

Triad

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



11.1265, 10.9600, 10.7616



9.7197, 10.9600, 10.8533



10.4369, 10.9600, 14.4153

Complementary

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



11.1265, 10.9600, 10.7616



11.2744, 12.5765, 14.9299

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.



10.0328, 10.9600, 14.0961



11.1265, 10.9600, 10.7616



9.6255, 10.9600, 11.9903

Square

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



11.1265, 10.9600, 10.7616



9.9995, 10.9600, 10.0547



9.7386, 10.9600, 13.1877



10.8463, 10.9600, 14.0330

Rectangle

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



11.1265, 10.9600, 10.7616



10.5393, 10.9600, 9.7768



9.7386, 10.9600, 13.1877



10.2960, 10.9600, 14.3863

Sweetspot

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



11.1268, 10.9605, 10.7618



21.8197, 22.4956, 23.7498



11.6036, 10.8846, 14.0944



5.2935, 5.4459, 5.7306



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.



11.1268, 10.9605, 10.7618



18.8777, 18.3119, 17.5275



11.8256, 12.3581, 10.9948



2.8546, 2.8966, 2.9831



7.1993, 3.9518, 0.3833



37.1762, 19.8663, 1.8752

Inverse Universe

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



11.2744, 12.5765, 14.9299



19.1826, 21.6527, 26.1454



10.5379, 11.1034, 14.6844



2.8759, 3.1298, 3.5845



7.6747, 10.4211, 17.7513



39.5910, 53.4786, 92.4371

Previews

White Background



This preview shows how the XYZ color 11.1265, 10.9600, 10.7616 looks on a white background.

Color Contrast Check

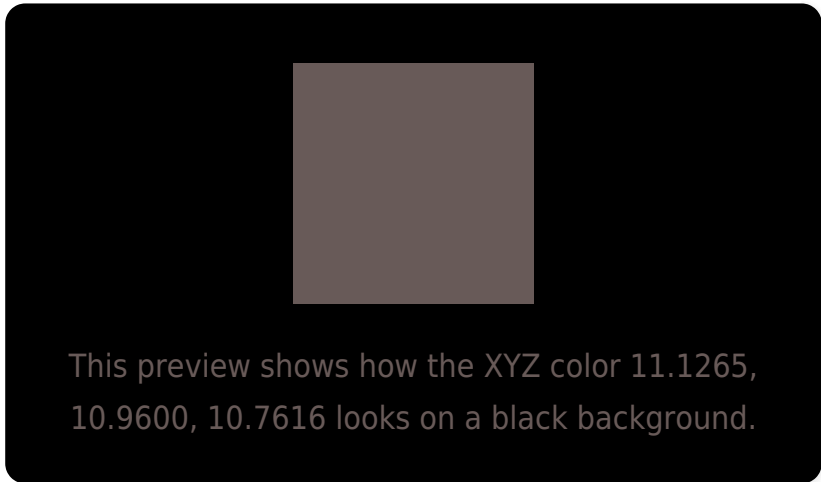
Large Text (above 18pt) WCAG AA ✓ Pass

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

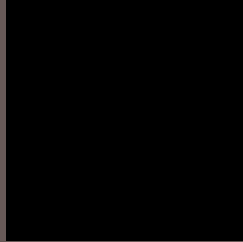
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.1265, 10.9600, 10.7616

Background



This preview shows how black text looks on a background with the XYZ color 11.1265, 10.9600, 10.7616.

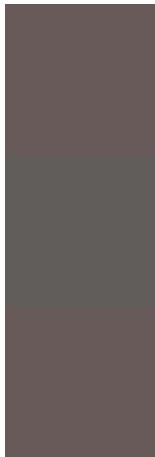


This preview shows how white text looks on a background with the XYZ color 11.1265, 10.9600,

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

11.1265, 10.9600, 10.7616

Protanopia

10.5837, 11.0537, 11.2486

Deuteranopia

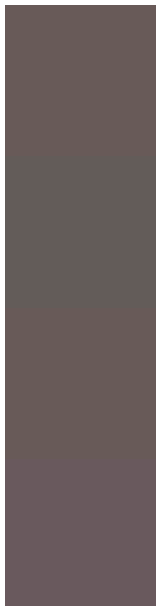
11.1265, 10.9600, 10.7616



Tritanopia

11.5094, 10.9925, 12.5815

Trichromacy



Original Color

11.1265, 10.9600, 10.7616

Protanomaly

10.7759, 11.0282, 11.0119

Deuteranomaly

11.1265, 10.9600, 10.7616

Tritanomaly

11.3739, 10.9383, 11.8678

Monochromacy



Original Color

11.1265, 10.9600, 10.7616

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.8831, 11.1981, 11.7131

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1265, 10.9600, 10.7616 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(104, 90, 88)` looks like.

```
.text, #text, p{  
    color:rgb(104, 90, 88)  
}
```

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(104, 90, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 90, 88) }
```

Border

The CSS property to change the border of an element to XYZ 11.1265, 10.9600, 10.7616 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(104, 90, 88) }
```


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

```
.border{ border-color:rgb(104, 90, 88) }
```

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

Here you see how a box with a 4 pixel rgb(104, 90, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 90, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 90, 88);  
box-shadow:4px 4px 4px 4px rgb(104, 90,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1265, 10.9600, 10.7616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 90, 88) }
```

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

```
.background{ background-color: rgb(104, 90,  
88) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor