

Converting Colors

XYZ(12.0742, 10.9777, 1.7022)

Have a look what the booklet for
XYZ(12.0742, 10.9777, 1.7022)
contains.

XYZ(11.9665, 10.8702, 1.6972)	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(11.9665, 10.8702,
1.6972)**

Conversions

Conversions Part 1

Format	Color
Hex	7F5408
RGB	127, 84, 8
RGB Percent	50%, 33%, 3%
CMY	0.5020, 0.6706, 0.9686
CMYK	0.00, 0.34, 0.94, 0.50
HSL	38°, 88%, 26%
HSV	38°, 94%, 50%
XYZ	11.9665, 10.8702, 1.6972
YIQ	88.1930, 50.0240, -14.5200

Conversions

Conversions Part 2

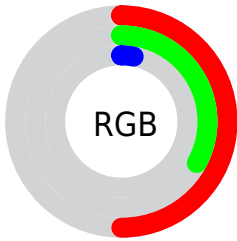
Format	Color
R_{YB}	75, 127, 8
Decimal	8344584
CIE Lab	39.36, 11.97, 45.49
CIE LCh	39, 47.040, 75.253
Yxy	10.8702, 0.4878, 0.4431
Android (android.graphics.Color)	4286534664 (0xFF7F5408)
YUV	88.1930, -39.5351, 34.0337
Hunter-Lab	32.9700, 7.0893, 20.0269

Details

The XYZ color **11.9665, 10.8702, 1.6972** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **5.1147, 3.9515, 20.5715**, and the grayscale version is **9.3945, 9.8837, 10.7634**.

A 20% lighter version of the original color is **28.9970, 27.3023, 8.1564**, and **3.4732, 2.8675, 0.3704** is the 20% darker color. If you saturate the color by 10%, you get **11.7030, 10.4134, 1.3932**, and if you desaturate by 10%, it is **12.4235, 11.6422, 2.2875**.

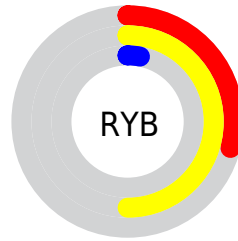
Distribution



Red (50%)

Green (33%)

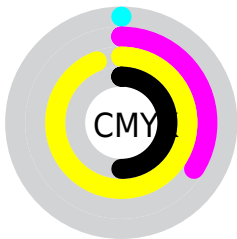
Blue (3%)



Red (29%)

Yellow (50%)

Blue (3%)

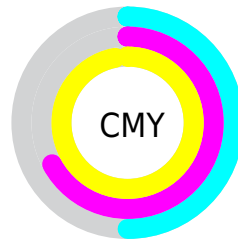


Cyan (0%)

Magenta (34%)

Yellow (94%)

Black (50%)



Cyan (50%)

Magenta (67%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.9665, 10.8702, 1.6972 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 11.9665, 10.8702, 1.6972 by changing the saturation by 10% instead.

■ 11.9665, 10.8702,
1.6972

■ 11.9665, 10.8702,
1.6972

■ 197.9578,
196.7749, 117.4822

■ 6.7929, 5.9796,
0.3588

■ 29.0515, 27.4199,
8.1951

■ 3.3781, 2.8327,
0.0000

■ 41.6935, 39.8478,
14.3096

■ 1.3567, 1.0450,
0.0000

■ 57.5558, 55.5569,
22.8925

■ 0.2251, 0.0000,
0.0000


■ 77.0037, 74.9317,
34.3624


■ 0.0000, 0.0000,
0.0000


■ 100.4025, 98.3565,
49.1377


■ 128.1175,


126.2157, 67.6371


 160.5142,
158.8937, 90.2791


 11.9665, 10.8702,
1.6972


 11.9665, 10.8702,
1.6972


 11.7030, 10.4134,
1.3932

 12.4235, 11.6422,
2.2875

 12.9628, 12.4846,
3.1953

 13.5937, 13.4024,
4.4660

 14.3233, 14.3991,
6.1355

 15.1581, 15.4778,
8.2350

■ 16.1036, 16.6415,
10.7928

■ 17.1653, 17.8929,
13.8347

■ 18.3478, 19.2344,
17.3845

■ 19.6559, 20.6686,
21.4646

Harmonies

Analogous

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



15.2577, 10.8702, 3.2502



11.9665, 10.8702, 1.6972



8.8063, 10.8702, 1.7082

Triad

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



11.9665, 10.8702, 1.6972



5.4870, 10.8702, 17.0620



15.3072, 10.8702, 28.9227

Complementary

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



11.9665, 10.8702, 1.6972



5.1147, 3.9515, 20.5715

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.



12.0240, 10.8702, 38.0172



11.9665, 10.8702, 1.6972



6.5997, 10.8702, 29.1212

Square

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



11.9665, 10.8702, 1.6972



5.4778, 10.8702, 7.9168



8.8532, 10.8702, 38.1043



17.4386, 10.8702, 16.8724

Rectangle

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



11.9665, 10.8702, 1.6972



7.1912, 10.8702, 2.5254



8.8532, 10.8702, 38.1043



14.2749, 10.8702, 32.6478

Sweetspot

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



11.9667, 10.8708, 1.6974



29.7682, 30.9090, 21.9571



9.4508, 4.9304, 3.6595



6.8084, 7.0453, 4.6836



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



11.9667, 10.8708, 1.6974



20.8133, 18.3595, 2.4468



14.2054, 18.5842, 3.0683



4.5387, 4.7662, 4.6009



11.8017, 10.4997, 1.4046



0.0000, 0.0000, 0.0000

Inverse Universe

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



5.1147, 3.9515, 20.5715



8.4701, 5.9641, 36.6610



4.2912, 1.8986, 20.2187



4.2262, 4.4464, 5.4488



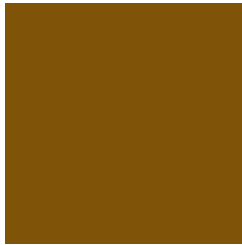
4.8431, 3.5047, 20.6712



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 11.9665, 10.8702, 1.6972 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 11.9665, 10.8702, 1.6972 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 11.9665, 10.8702, 1.6972

Background



This preview shows how black text looks on a background with the XYZ color 11.9665, 10.8702, 1.6972.



This preview shows how white text looks on a background with the XYZ color 11.9665, 10.8702,

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

11.9665, 10.8702, 1.6972

Protanopia

9.8064, 10.8585, 1.9269

Deuteranopia

10.9609, 10.8310, 1.5129



Tritanopia

13.5305, 10.8347, 9.7657

Trichromacy



Original Color

11.9665, 10.8702, 1.6972

Protanomaly

10.5266, 10.8472, 1.8555

Deuteranomaly

11.3098, 10.8879, 1.5916

Tritanomaly

12.6357, 10.6900, 5.1388

Monochromacy



Original Color

11.9665, 10.8702, 1.6972

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

9.6771, 9.9569, 5.5495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9665, 10.8702, 1.6972 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(127, 84, 8)` looks like.

```
.text, #text, p{  
    color:rgb(127, 84, 8)  
}
```

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(127, 84, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 84, 8) }
```

Border

The CSS property to change the border of an element to XYZ 11.9665, 10.8702, 1.6972 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(127, 84, 8) }
```


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

```
.border{ border-color:rgb(127, 84, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 84, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 84, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 84, 8);  
box-shadow:4px 4px 4px 4px rgb(127, 84, 8)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.9665, 10.8702, 1.6972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 84, 8) }
```

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

```
.background{ background-color: rgb(127, 84,  
8) }
```

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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