

Converting Colors

XYZ(13.0986, 16.9079, 10.5558)

Have a look what the booklet for
XYZ(13.0986, 16.9079, 10.5558)
contains.

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Color

**XYZ(13.0986, 16.9079,
10.5558)**

Conversions

Conversions Part 1

Format	Color
Hex	5E7A52
RGB	94, 122, 82
RGB Percent	37%, 48%, 32%
CMY	0.6314, 0.5216, 0.6784
CMYK	0.23, 0.00, 0.33, 0.52
HSL	102°, 20%, 40%
HSV	102°, 33%, 48%
XYZ	13.0986, 16.9079, 10.5558
YIQ	109.0680, -3.8480, -18.3760

Conversions

Conversions Part 2

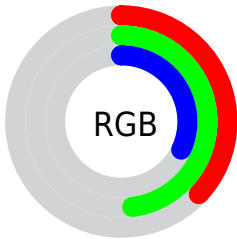
Format	Color
R_{YB}	82, 122, 110
Decimal	6191698
CIE _{Lab}	48.14, -18.22, 18.72
CIE _{LCh}	48, 26.118, 134.226
Yxy	16.9079, 0.3229, 0.4168
Android (android.graphics.Color)	4284381778 (0xFF5E7A52)
YUV	109.0680, -13.3445, -13.2146
Hunter-Lab	41.1192, -15.0971, 13.5630

Details

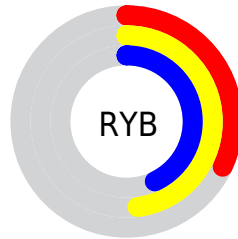
The XYZ color **13.0986, 16.9079, 10.5558** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **12.9612, 10.7552, 19.8060**, and the grayscale version is **14.5929, 15.3529, 16.7193**.

A 20% lighter version of the original color is **31.1719, 38.3456, 27.5883**, and **3.8888, 5.5030, 2.6075** is the 20% darker color. If you saturate the color by 10%, you get **11.8473, 16.3123, 8.2856**, and if you desaturate by 10%, it is **14.5303, 17.5880, 13.2661**.

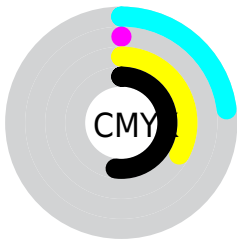
Distribution



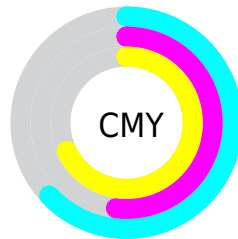
- Red (37%)
- Green (48%)
- Blue (32%)



- Red (32%)
- Yellow (48%)
- Blue (43%)



- Cyan (23%)
- Magenta (0%)
- Yellow (33%)
- Black (52%)



- Cyan (63%)
- Magenta (52%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.0986, 16.9079, 10.5558 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 13.0986, 16.9079, 10.5558 by changing the saturation by 10% instead.

■ 13.0986, 16.9079,
10.5558

■ 13.0986, 16.9079,
10.5558

205.1735,
234.6411, 205.2210

■ 7.5739, 10.1688,
5.6586

■ 31.0806, 38.1674,
27.4598

■ 3.8731, 5.5111,
2.5732

■ 44.2687, 53.4565,
40.3036

■ 1.6306, 2.5501,
0.8786

■ 60.7420, 72.3646,
56.6335

■ 0.4122, 0.9017,
0.0000

■ 80.8658, 95.2758,
76.8678

■ 0.0000, 0.0000,
0.0000

■ 105.0054,
122.5747, 101.4252

133.5264,

154.6456, 130.7241

166.7939,
191.8729, 165.1832

■ 13.0986, 16.9079,
10.5558

■ 13.0986, 16.9079,
10.5558

■ 11.8473, 16.3123,
8.2856

■ 14.5303, 17.5880,
13.2661

■ 10.7675, 15.7956,
6.4313

■ 16.1481, 18.3535,
16.4369

■ 9.8517, 15.3549,
4.9678

■ 17.9592, 19.2082,
20.0887

■ 9.0909, 14.9863,
3.8671

■ 19.9697, 20.1548,
24.2403

■ 8.4755, 14.6854,
3.0973

■ 22.1859, 21.1962,
28.9095

■ 7.9942, 14.4474,
2.6200

■ 24.6133, 22.3350,
34.1135

■ 7.7084, 14.3056,
2.3550

■ 27.2576, 23.5735,
39.8683

■ 30.1240, 24.9143,
46.1896

■ 33.2177, 26.3595,
53.0922

Harmonies

Analogous

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



14.9770, 16.9079, 8.4402



13.0986, 16.9079, 10.5558



12.0741, 16.9079, 15.0870

Triad

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



13.0986, 16.9079, 10.5558



14.8639, 16.9079, 34.0304



20.9016, 16.9079, 15.3869

Complementary

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



13.0986, 16.9079, 10.5558



12.9612, 10.7552, 19.8060

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.



20.8637, 16.9079, 22.1879



13.0986, 16.9079, 10.5558



17.2158, 16.9079, 34.1679

Square

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



13.0986, 16.9079, 10.5558



13.0228, 16.9079, 29.0880



19.4609, 16.9079, 29.4273



19.5599, 16.9079, 10.7287

Rectangle

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



13.0986, 16.9079, 10.5558



11.9430, 16.9079, 19.3878



19.4609, 16.9079, 29.4273



21.0536, 16.9079, 17.4653

Sweetspot

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



13.0990, 16.9086, 10.5562



29.1867, 32.6556, 30.4704



15.1256, 15.8993, 10.2545



6.5945, 7.4294, 6.8089



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.



13.0990, 16.9086, 10.5562



21.4376, 28.9811, 15.6371



12.2851, 16.4518, 12.2012



4.0535, 4.5029, 4.2800



8.1076, 15.0569, 2.4789



37.9109, 71.4292, 11.7891

Inverse Universe

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



12.9612, 10.7552, 19.8060



21.1520, 16.4596, 34.4551



14.0812, 11.3875, 17.3761



4.0430, 4.0200, 5.0060



7.6728, 3.5282, 19.6619



35.7102, 16.3713, 93.7476

Previews

White Background



This preview shows how the XYZ color 13.0986, 16.9079, 10.5558 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 13.0986, 16.9079, 10.5558 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 13.0986, 16.9079, 10.5558

Background



This preview shows how black text looks on a background with the XYZ color 13.0986, 16.9079, 10.5558.



This preview shows how white text looks on a background with the XYZ color 13.0986, 16.9079,

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

13.0986, 16.9079, 10.5558

Protanopia

15.5970, 16.8101, 9.8198

Deuteranopia

17.1000, 16.7441, 10.9250



Tritanopia

15.4940, 16.9956, 22.2025

Trichromacy



Original Color

13.0986, 16.9079, 10.5558

Protanomaly

14.4913, 16.7465, 10.0580

Deuteranomaly

15.3633, 16.6678, 10.7950

Tritanomaly

14.4483, 16.9161, 17.2555

Monochromacy



Original Color

13.0986, 16.9079, 10.5558

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

13.9784, 15.8785, 14.1325

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.0986, 16.9079, 10.5558 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(94, 122, 82) looks like.

```
.text, #text, p{  
    color:rgb(94, 122, 82)  
}
```

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(94, 122, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 122, 82) }
```

Border

The CSS property to change the border of an element to XYZ 13.0986, 16.9079, 10.5558 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(94, 122, 82) }
```


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

```
.border{ border-color:rgb(94, 122, 82) }
```

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

Here you see how a box with a 4 pixel rgb(94, 122, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 122, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 122, 82);  
box-shadow:4px 4px 4px 4px rgb(94, 122,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 13.0986, 16.9079, 10.5558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 122, 82) }
```

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

```
.background{ background-color: rgb(94, 122,  
82) }
```

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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