

Converting Colors

XYZ(11.0698, 16.8278, 17.9939)

Have a look what the booklet for
XYZ(11.0698, 16.8278, 17.9939)
contains.

XYZ(11.0698, 16.8278, 17.9939)	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(11.0698, 16.8278,
17.9939)**

Conversions

Conversions Part 1

Format	Color
Hex	1A8070
RGB	26, 128, 112
RGB Percent	10%, 50%, 44%
CMY	0.8980, 0.4980, 0.5608
CMYK	0.80, 0.00, 0.13, 0.50
HSL	171°, 66%, 30%
HSV	171°, 80%, 50%
XYZ	11.0698, 16.8278, 17.9939
YIQ	95.6780, -55.6560, -26.6000

Conversions

Conversions Part 2

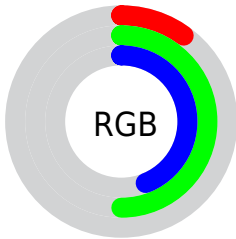
Format	Color
RYB	26, 81, 128
Decimal	1736816
CIELab	48.04, -31.87, 0.66
CIELCh	48, 31.875, 178.806
Yxy	16.8278, 0.2412, 0.3667
Android (android.graphics.Color)	4279926896 (0xFF1A8070)
YUV	95.6780, 8.0467, -61.1076
Hunter-Lab	41.0217, -23.6193, 2.7080

Details

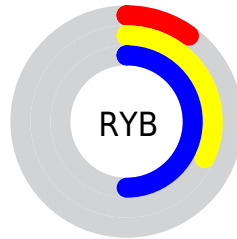
The XYZ color **11.0698, 16.8278, 17.9939** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9.6900, 5.4956, 2.7412**, and the grayscale version is **11.0317, 11.6062, 12.6392**.

A 20% lighter version of the original color is **27.3445, 37.8519, 40.9869**, and **3.6498, 5.8189, 5.7813** is the 20% darker color. If you saturate the color by 10%, you get **10.7026, 16.6517, 17.3999**, and if you desaturate by 10%, it is **11.5866, 17.0816, 18.6087**.

Distribution



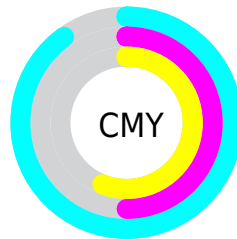
- Red (10%)
- Green (50%)
- Blue (44%)



- Red (10%)
- Yellow (32%)
- Blue (50%)



- Cyan (80%)
- Magenta (0%)
- Yellow (13%)
- Black (50%)



- Cyan (90%)
- Magenta (50%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0698, 16.8278, 17.9939 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 11.0698, 16.8278, 17.9939 by changing the saturation by 10% instead.

■ 11.0698, 16.8278,
17.9939

■ 11.0698, 16.8278,
17.9939

192.0442,
234.1781, 253.0716

■ 6.1814, 10.1118,
10.7762

■ 27.4210, 38.0295,
40.8407

■ 2.9974, 5.4731,
5.8043

■ 39.6145, 53.2839,
57.3070

■ 1.1524, 2.5275,
2.6596

■ 54.9738, 72.1533,
77.6931

■ 0.0683, 0.8903,
0.9230

■ 73.8642, 95.0220,
102.4177

■ 0.0000, 0.0000,
0.0000

■ 96.6511, 122.2745,
131.8993

■ 123.6998,

154.2950, 166.5565

155.3757,
191.4681, 206.8077

■ 11.0698, 16.8278,
17.9939

■ 11.0698, 16.8278,
17.9939

■ 10.7026, 16.6517,
17.3999

■ 11.5866, 17.0816,
18.6087

■ 10.4305, 16.5239,
16.8228

■ 12.2688, 17.4199,
19.2440

■ 10.4220, 16.5199,
16.8048

■ 13.1318, 17.8512,
19.9009

■ 14.1889, 18.3821,
20.5802

■ 15.4520, 19.0191,
21.2825

■ 16.9321, 19.7675,
22.0083

■ 18.6394, 20.6329,
22.7583

■ 20.5836, 21.6200,
23.5329

■ 22.7735, 22.7335,
24.3328

Harmonies

Analogous

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



11.7075, 16.8278, 11.2716



11.0698, 16.8278, 17.9939



11.6140, 16.8278, 27.0813

Triad

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



11.0698, 16.8278, 17.9939



18.8153, 16.8278, 36.0407



19.0391, 16.8278, 7.8249

Complementary

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



11.0698, 16.8278, 17.9939



9.6900, 5.4956, 2.7412

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.



21.3571, 16.8278, 11.6910



11.0698, 16.8278, 17.9939



21.2174, 16.8278, 27.8313

Square

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



11.0698, 16.8278, 17.9939



15.8791, 16.8278, 39.2063



22.1978, 16.8278, 18.6553



16.1101, 16.8278, 6.5964

Rectangle

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



11.0698, 16.8278, 17.9939



12.6157, 16.8278, 33.0444



22.1978, 16.8278, 18.6553



19.9280, 16.8278, 8.7882

Sweetspot

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



11.0703, 16.8284, 17.9943



28.4929, 34.1359, 38.1203



8.9024, 16.0272, 3.6020



6.4901, 7.9007, 8.8348



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.



11.0703, 16.8284, 17.9943



18.4657, 29.1412, 29.7681



8.3256, 9.7843, 21.8725



4.4184, 4.8757, 5.3743



10.3342, 16.3803, 16.6647



0.0000, 0.0000, 0.0000

Inverse Universe

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



9.6900, 5.4956, 2.7412



16.0007, 8.3260, 2.1014



10.7050, 7.8962, 1.9375



4.3532, 4.3544, 4.6643



8.9533, 4.6010, 1.0781



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 11.0698, 16.8278, 17.9939 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 11.0698, 16.8278, 17.9939 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 11.0698, 16.8278, 17.9939

Background



This preview shows how black text looks on a background with the XYZ color 11.0698, 16.8278, 17.9939.

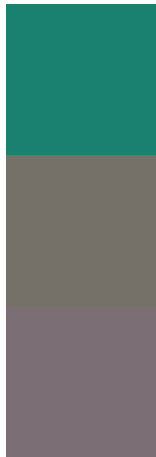


This preview shows how white text looks on a background with the XYZ color 11.0698, 16.8278,

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

11.0698, 16.8278, 17.9939

Protanopia

15.8750, 16.6613, 15.4759

Deuteranopia

16.8967, 16.6238, 18.8412



Tritanopia

12.6616, 16.9087, 25.5180

Trichromacy



Original Color

11.0698, 16.8278, 17.9939

Protanomaly

12.8786, 15.9497, 16.3097

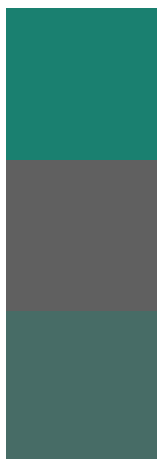
Deuteranomaly

13.4803, 16.0351, 18.6043

Tritanomaly

12.0192, 16.8291, 22.6935

Monochromacy



Original Color

11.0698, 16.8278, 17.9939

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

10.3594, 13.0240, 14.5383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0698, 16.8278, 17.9939 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(26, 128, 112)` looks like.

```
.text, #text, p{  
    color:rgb(26, 128, 112)  
}
```

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(26, 128, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 128, 112) }
```

Border

The CSS property to change the border of an element to XYZ 11.0698, 16.8278, 17.9939 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(26, 128, 112) }
```


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

```
.border{ border-color:rgb(26, 128, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 128, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 128, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 128, 112);  
box-shadow:4px 4px 4px 4px rgb(26, 128,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0698, 16.8278, 17.9939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 128, 112) }
```

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

```
.background{ background-color: rgb(26, 128,  
112) }
```

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