

Converting Colors

XYZ(30.8909, 28.8979, 17.8597)

Have a look what the booklet for
XYZ(30.8909, 28.8979, 17.8597)
contains.

XYZ(30.8909, 28.8979, 17.8597)	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(30.8909, 28.8979,
17.8597)**

Conversions

Conversions Part 1

Format	Color
Hex	B6896B
RGB	182, 137, 107
RGB Percent	71%, 54%, 42%
CMY	0.2863, 0.4627, 0.5804
CMYK	0.00, 0.25, 0.41, 0.29
HSL	24°, 34%, 57%
HSV	24°, 41%, 71%
XYZ	30.8909, 28.8979, 17.8597
YIQ	147.0350, 36.4500, 0.2100

Conversions

Conversions Part 2

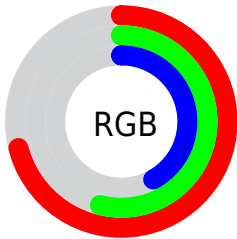
Format	Color
R_{YB}	182, 157, 107
Decimal	11962731
CIE Lab	60.69, 13.20, 22.75
CIE LCh	61, 26.301, 59.867
Yxy	28.8979, 0.3978, 0.3722
Android (android.graphics.Color)	4290152811 (0xFFB6896B)
YUV	147.0350, -19.7373, 30.6643
Hunter-Lab	53.7568, 8.4993, 17.9317

Details

The XYZ color **30.8909, 28.8979, 17.8597** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **25.7348, 28.9587, 48.4892**, and the grayscale version is **27.8167, 29.2654, 31.8700**.

A 20% lighter version of the original color is **60.2681, 57.6808, 40.7579**, and **12.9500, 11.6442, 5.7027** is the 20% darker color. If you saturate the color by 10%, you get **28.5580, 25.6066, 12.8449**, and if you desaturate by 10%, it is **33.5839, 32.5868, 23.9894**.

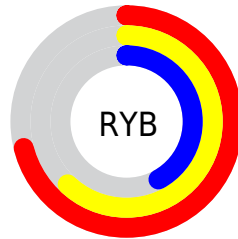
Distribution



Red (71%)

Green (54%)

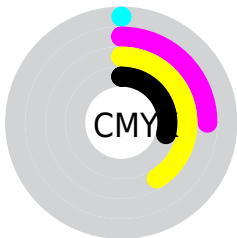
Blue (42%)



Red (71%)

Yellow (62%)

Blue (42%)

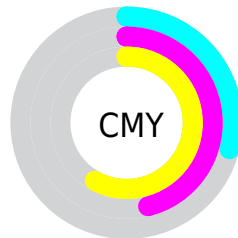


Cyan (0%)

Magenta (25%)

Yellow (41%)

Black (29%)



Cyan (29%)


Magenta (46%)


Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.8909, 28.8979, 17.8597 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 30.8909, 28.8979, 17.8597 by changing the saturation by 10% instead.


 30.8909, 28.8979,
17.8597


 30.8909, 28.8979,
17.8597

297.8712,
296.7329, 252.2886

 20.6672, 19.0036,
10.6809


 60.4453, 57.9148,
40.6088


 12.9920, 11.6729,
5.7412


 80.5067, 77.8062,
57.0162

 7.5000, 6.5213,
2.6222


 104.5780,
101.7988, 77.3369

 3.8258, 3.1646,
0.9039

 133.0246,
130.2770, 101.9894

 1.6041, 1.2183,
0.0000

166.2119,
163.6250, 131.3923

 0.3951, 0.0765,
0.0000

204.5052,

 0.0000, 0.0000,

202.2275, 165.9641

0.0000

248.2699,
246.4686, 206.1233

■ 30.8909, 28.8979,
17.8597

■ 30.8909, 28.8979,
17.8597

■ 28.5580, 25.6066,
12.8449

■ 33.5839, 32.5868,
23.9894

■ 26.5657, 22.6944,
8.8747

■ 36.6509, 36.6827,
31.2951

■ 24.8956, 20.1471,
5.8731


■ 40.1077, 41.1998,
39.8354


■ 23.5263, 17.9482,
3.7530


■ 43.9685, 46.1504,
49.6646


■ 22.4332, 16.0790,
2.4115


■ 48.2465, 51.5462,
60.8335

 21.6614, 14.6851,
1.6928

 52.9547, 57.3985,
73.3904

 58.1051, 63.7179,
87.3809

 63.7094, 70.5151,
102.8489

 67.1289, 76.7401,
105.8820

Harmonies

Analogous

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



33.5531, 28.8979, 23.0103



30.8909, 28.8979, 17.8597



27.4818, 28.8979, 16.1762

Triad

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



30.8909, 28.8979, 17.8597



21.4184, 28.8979, 31.4214



30.8625, 28.8979, 50.7168

Complementary

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



30.8909, 28.8979, 17.8597



25.7348, 28.9587, 48.4892

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.



27.4514, 28.8979, 54.2228



30.8909, 28.8979, 17.8597



22.1646, 28.8979, 41.7718

Square

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



30.8909, 28.8979, 17.8597



22.1778, 28.8979, 22.9492



24.3052, 28.8979, 50.6570



33.5357, 28.8979, 41.8629

Rectangle

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



30.8909, 28.8979, 17.8597



25.2983, 28.8979, 16.9040



24.3052, 28.8979, 50.6570



29.7554, 28.8979, 52.6324

Sweetspot

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



30.8916, 28.8993, 17.8603



72.0590, 73.8452, 70.5775



30.2168, 22.7278, 32.5003



15.7293, 16.0682, 15.1231



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



30.8916, 28.8993, 17.8603



52.3214, 47.2061, 24.4260



37.1782, 41.4723, 19.9558



9.2916, 9.5861, 9.4675



15.3584, 10.4932, 1.2159



0.6025, 0.4920, 0.0632

Inverse Universe

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



25.7348, 28.9587, 48.4892



41.7430, 47.2990, 87.1652



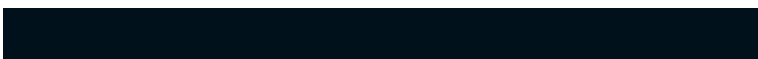
20.5811, 18.6513, 46.7713



8.9571, 9.5914, 11.4587



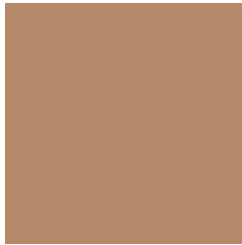
9.9054, 10.2705, 32.7134



0.4080, 0.4797, 1.1728

Previews

White Background



This preview shows how the XYZ color 30.8909, 28.8979, 17.8597 looks on a white background.

Color Contrast Check

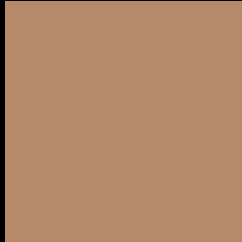
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 30.8909, 28.8979, 17.8597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

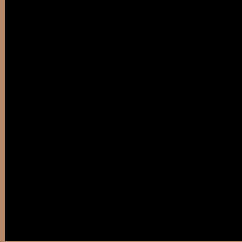
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.8909, 28.8979, 17.8597

Background



This preview shows how black text looks on a background with the XYZ color 30.8909, 28.8979, 17.8597.



This preview shows how white text looks on a background with the XYZ color 30.8909, 28.8979,

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

30.8909, 28.8979, 17.8597

Protanopia

27.0528, 28.8736, 19.1862

Deuteranopia

29.5820, 29.0890, 17.6913



Tritanopia

33.1413, 28.7698, 29.3976

Trichromacy



Original Color

30.8909, 28.8979, 17.8597

Protanomaly

28.3628, 28.8777, 18.8309

Deuteranomaly

30.1111, 29.1439, 17.6740

Tritanomaly

32.2547, 28.8255, 24.6328

Monochromacy



Original Color

30.8909, 28.8979, 17.8597

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.4845, 28.7844, 25.8845

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8909, 28.8979, 17.8597 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(182, 137, 107)` looks like.

```
.text, #text, p{  
    color:rgb(182, 137, 107)  
}
```

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(182, 137, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 137, 107) }
```

Border

The CSS property to change the border of an element to XYZ 30.8909, 28.8979, 17.8597 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(182, 137, 107) }
```


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

```
.border{ border-color:rgb(182, 137, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 137, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 137, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 137, 107);  
box-shadow:4px 4px 4px 4px rgb(182, 137,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8909, 28.8979, 17.8597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 137, 107) }
```

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

```
.background{ background-color: rgb(182,  
137, 107) }
```

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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