

Converting Colors

XYZ(33.5959, 26.6176, 17.8350)

Have a look what the booklet for
XYZ(33.5959, 26.6176, 17.8350)
contains.

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Color

**XYZ(33.5959, 26.6176,
17.8350)**

Conversions

Conversions Part 1

Format	Color
Hex	CA766D
RGB	202, 118, 109
RGB Percent	79%, 46%, 43%
CMY	0.2078, 0.5372, 0.5725
CMYK	0.00, 0.42, 0.46, 0.21
HSL	6°, 47%, 61%
HSV	6°, 46%, 79%
XYZ	33.5959, 26.6176, 17.8350
YIQ	142.0900, 52.9530, 15.0090

Conversions

Conversions Part 2

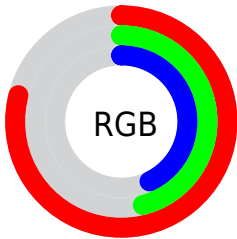
Format	Color
R_{YB}	202, 119, 109
Decimal	13268589
CIE Lab	58.62, 31.89, 19.22
CIE LCh	59, 37.238, 31.080
Yxy	26.6176, 0.4304, 0.3410
Android (android.graphics.Color)	4291458669 (0xFFCA766D)
YUV	142.0900, -16.3134, 52.5411
Hunter-Lab	51.5922, 25.9494, 15.6185

Details

The XYZ color **33.5959, 26.6176, 17.8350** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **36.0363, 45.6532, 62.7896**, and the grayscale version is **25.7954, 27.1387, 29.5541**.

A 20% lighter version of the original color is **62.2359, 52.9590, 40.6601**, and **14.5865, 10.4909, 5.6710** is the 20% darker color. If you saturate the color by 10%, you get **30.6863, 22.3432, 12.1028**, and if you desaturate by 10%, it is **37.1723, 31.8257, 25.0227**.

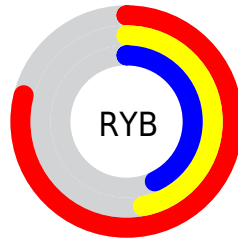
Distribution



Red (79%)

Green (46%)

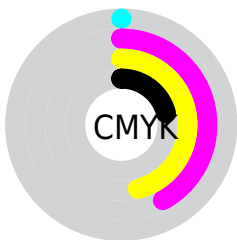
Blue (43%)



Red (79%)

Yellow (47%)

Blue (43%)

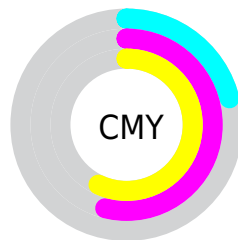


Cyan (0%)

Magenta (42%)

Yellow (46%)

Black (21%)



Cyan (21%)


Magenta (54%)


Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.5959, 26.6176, 17.8350 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 33.5959, 26.6176, 17.8350 by changing the saturation by 10% instead.


 33.5959, 26.6176,
17.8350


 33.5959, 26.6176,
17.8350


309.9441,
285.8008, 252.1442


 22.7447, 17.2862,
10.6634


 64.6532, 54.2696,
40.5661


 14.5248, 10.4388,
5.7296


 85.5901, 73.3591,
56.9627

 8.5707, 5.6908,
2.6153


 110.6197, 96.4700,
77.2713

 4.5171, 2.6580,
0.9003

 140.1072,
123.9868, 101.9105

 1.9986, 0.9559,
0.0000

174.4180,
156.2939, 131.2989

 0.6332, 0.0000,
0.0000

213.9176,

 0.0000, 0.0000,

193.7757, 165.8549

0.0000

258.9711,
236.8165, 205.9972

■ 33.5959, 26.6176,
17.8350

■ 33.5959, 26.6176,
17.8350

■ 30.6863, 22.3432,
12.1028

■ 37.1723, 31.8257,
25.0227

■ 28.4000, 18.9434,
7.7251

■ 41.4513, 38.0139,
33.7546

■ 26.6916, 16.3587,
4.5906


■ 46.4684, 45.2305,
44.1138


■ 25.5086, 14.5204,
2.5695

■ 52.2565, 53.5193,
56.1772


■ 24.7879, 13.3481,
1.4997

■ 58.8460, 62.9217,
70.0169

 24.5995, 13.0414,
1.2207

 66.2661, 73.4767,
85.7007

 74.5442, 85.2216,
103.2929

 78.1671, 91.2965,
108.1099

Harmonies

Analogous

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



35.1411, 26.6176, 28.5102



33.5959, 26.6176, 17.8350



29.7910, 26.6176, 12.0638

Triad

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



33.5959, 26.6176, 17.8350



18.3609, 26.6176, 18.4361



25.4652, 26.6176, 62.1274

Complementary

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



33.5959, 26.6176, 17.8350



36.0363, 45.6532, 62.7896

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.



21.2833, 26.6176, 57.0616



33.5959, 26.6176, 17.8350



17.4913, 26.6176, 29.4590

Square

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



33.5959, 26.6176, 17.8350



21.0287, 26.6176, 12.3302



18.4950, 26.6176, 44.0115



30.1120, 26.6176, 56.3197

Rectangle

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



33.5959, 26.6176, 17.8350



26.6863, 26.6176, 10.5519



18.4950, 26.6176, 44.0115



23.9611, 26.6176, 61.6302

Sweetspot

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



33.5966, 26.6189, 17.8355



80.3885, 79.0358, 78.2436



39.5915, 27.4003, 54.3883



16.7740, 16.2965, 15.8495



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



33.5966, 26.6189, 17.8355



52.0825, 38.0167, 20.7372



40.2591, 39.9440, 20.0563



11.2983, 11.3855, 11.6816



15.8595, 8.4520, 0.7955



0.8488, 0.4972, 0.0512

Inverse Universe

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



36.0363, 45.6532, 62.7896



56.6671, 74.0073, 105.9059



27.5182, 28.6171, 59.9503



11.4468, 12.5341, 14.3864



17.7186, 24.4613, 39.7439



0.9417, 1.3171, 2.0595

Previews

White Background



This preview shows how the XYZ color 33.5959, 26.6176, 17.8350 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 33.5959, 26.6176, 17.8350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

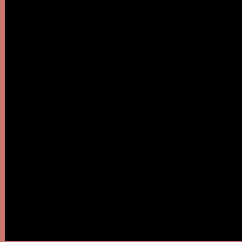
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.5959, 26.6176, 17.8350

Background



This preview shows how black text looks on a background with the XYZ color 33.5959, 26.6176, 17.8350.



This preview shows how white text looks on a background with the XYZ color 33.5959, 26.6176,

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

33.5959, 26.6176, 17.8350

Protanopia

25.3095, 26.7954, 21.6074

Deuteranopia

27.3420, 26.8644, 17.3799



Tritanopia

34.5121, 26.6425, 22.3923

Trichromacy



Original Color

33.5959, 26.6176, 17.8350

Protanomaly

27.6884, 26.3608, 20.1518

Deuteranomaly

29.3265, 26.4653, 17.4726

Tritanomaly

34.3197, 26.7510, 20.8074

Monochromacy



Original Color

33.5959, 26.6176, 17.8350

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

27.7266, 26.2793, 24.7301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5959, 26.6176, 17.8350 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(202, 118, 109)` looks like.

```
.text, #text, p{  
    color:rgb(202, 118, 109)  
}
```

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(202, 118, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 118, 109) }
```

Border

The CSS property to change the border of an element to XYZ 33.5959, 26.6176, 17.8350 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(202, 118, 109) }
```


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

```
.border{ border-color:rgb(202, 118, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 118, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 118, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 118, 109);  
box-shadow:4px 4px 4px 4px rgb(202, 118,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5959, 26.6176, 17.8350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 118, 109) }
```

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

```
.background{ background-color: rgb(202,  
118, 109) }
```

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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