

Converting Colors

XYZ(32.9987, 26.5033, 17.0363)

Have a look what the booklet for
XYZ(32.9987, 26.5033, 17.0363)
contains.

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Color

**XYZ(33.0178, 26.5136,
17.0131)**

Conversions

Conversions Part 1

Format	Color
Hex	C8776A
RGB	200, 119, 106
RGB Percent	78%, 47%, 42%
CMY	0.2157, 0.5333, 0.5843
CMYK	0.00, 0.40, 0.47, 0.22
HSL	8°, 46%, 60%
HSV	8°, 47%, 78%
XYZ	33.0178, 26.5136, 17.0131
YIQ	141.7370, 52.4490, 13.1290

Conversions

Conversions Part 2

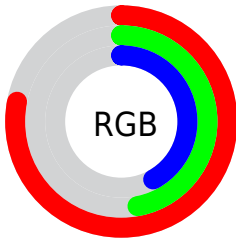
Format	Color
R_{YB}	200, 121, 106
Decimal	13137770
CIE _{Lab}	58.52, 30.27, 20.76
CIE _{LCh}	59, 36.708, 34.446
Yxy	26.5136, 0.4314, 0.3464
Android (android.graphics.Color)	4291327850 (0xFFC8776A)
YUV	141.7370, -17.6183, 51.0967
Hunter-Lab	51.4914, 24.3497, 16.4541

Details

The XYZ color **33.0178, 26.5136, 17.0131** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **34.1387, 42.7732, 61.1003**, and the grayscale version is **25.6607, 26.9971, 29.3998**.

A 20% lighter version of the original color is **62.0783, 53.1994, 38.8949**, and **14.2452, 10.4117, 5.3965** is the 20% darker color. If you saturate the color by 10%, you get **30.2282, 22.4093, 11.5366**, and if you desaturate by 10%, it is **36.4232, 31.4613, 23.8920**.

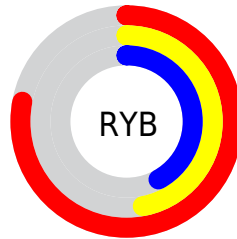
Distribution



Red (78%)

Green (47%)

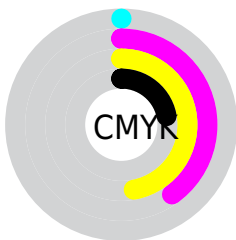
Blue (42%)



Red (78%)

Yellow (47%)

Blue (42%)

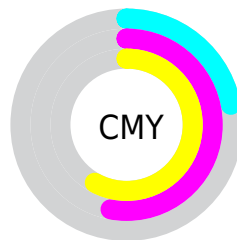


Cyan (0%)

Magenta (40%)

Yellow (47%)

Black (22%)



Cyan (22%)


Magenta (53%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.0178, 26.5136, 17.0131 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 33.0178, 26.5136, 17.0131 by changing the saturation by 10% instead.


 33.0178, 26.5136,
17.0131


 33.0178, 26.5136,
17.0131


307.3935,
285.2943, 247.2944


 22.2994, 17.2083,
10.0818


 63.7578, 54.1024,
39.1393


 14.1949, 10.3831,
5.3469


 84.5101, 73.1546,
55.1712

 8.3389, 5.6537,
2.3899

 109.3378, 96.2245,
75.0737

 4.3662, 2.6357,
0.7810

 138.6061,
123.6966, 99.2654

 1.9113, 0.9446,
0.0000

172.6805,
155.9552, 128.1647

 0.5834, 0.0000,
0.0000

211.9263,

 0.0000, 0.0000,

193.3848, 162.1903

0.0000

256.7088,
236.3697, 201.7607

■ 33.0178, 26.5136,
17.0131

■ 33.0178, 26.5136,
17.0131

■ 30.2282, 22.4093,
11.5366

■ 36.4232, 31.4613,
23.8920

■ 28.0152, 19.0974,
7.3640

■ 40.4764, 37.2919,
32.2593

■ 26.3380, 16.5274,
4.3868


■ 45.2096, 44.0470,
42.1960

■ 25.1496, 14.6414,
2.4779


■ 50.6524, 51.7644,
53.7769


■ 24.3917, 13.3714,
1.4677

■ 56.8324, 60.4801,
67.0717

 24.2269, 13.0943,
1.2505

 63.7757, 70.2278,
82.1463

 71.5075, 81.0399,
99.0631

 77.6294, 91.0194,
108.0847

Harmonies

Analogous

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



34.8328, 26.5136, 26.9930



33.0178, 26.5136, 17.0131



29.1140, 26.5136, 11.8052

Triad

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



33.0178, 26.5136, 17.0131



18.1818, 26.5136, 19.4567



25.8760, 26.5136, 61.2318

Complementary

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



33.0178, 26.5136, 17.0131



34.1387, 42.7732, 61.1003

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.



21.6542, 26.5136, 57.4400



33.0178, 26.5136, 17.0131



17.5308, 26.5136, 30.8296

Square

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



33.0178, 26.5136, 17.0131



20.6226, 26.5136, 12.8937



18.7259, 26.5136, 45.2479



30.4099, 26.5136, 54.4590

Rectangle

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



33.0178, 26.5136, 17.0131



26.0459, 26.5136, 10.5807



18.7259, 26.5136, 45.2479



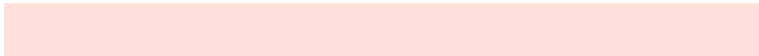
24.3734, 26.5136, 61.1630

Sweetspot

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



33.0185, 26.5149, 17.0136



80.7856, 79.8301, 78.3760



37.9933, 26.1955, 50.3299



16.8693, 16.4872, 15.8812



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.



33.0185, 26.5149, 17.0136



52.4210, 38.9248, 20.1380



39.9726, 40.4232, 19.3316



10.7503, 10.8697, 11.0942



15.4433, 8.4038, 0.8081



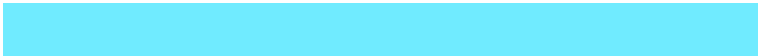
0.7707, 0.4769, 0.0514

Inverse Universe

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



34.1387, 42.7732, 61.1003



54.5359, 70.2345, 105.2900



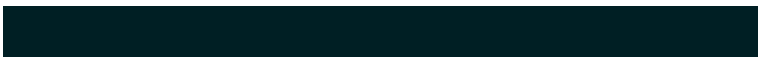
25.8158, 26.1274, 58.3260



10.8168, 11.8077, 13.6265



16.0980, 21.5900, 38.0632



0.7976, 1.0931, 1.8141

Previews

White Background



This preview shows how the XYZ color 33.0178, 26.5136, 17.0131 looks on a white background.

Color Contrast Check

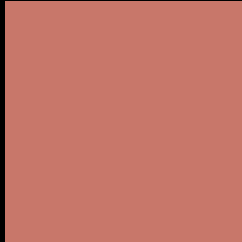
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.0178, 26.5136, 17.0131 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 33.0178, 26.5136, 17.0131

Background



This preview shows how black text looks on a background with the XYZ color 33.0178, 26.5136, 17.0131.



This preview shows how white text looks on a background with the XYZ color 33.0178, 26.5136,

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

33.0178, 26.5136, 17.0131

Protanopia

25.0717, 26.7003, 20.3552

Deuteranopia

27.0485, 26.5227, 16.5257



Tritanopia

34.0345, 26.3890, 22.7018

Trichromacy



Original Color

33.0178, 26.5136, 17.0131

Protanomaly

27.4606, 26.2697, 18.9525

Deuteranomaly

28.9394, 26.2837, 16.6447

Tritanomaly

33.7187, 26.4481, 20.4674

Monochromacy



Original Color

33.0178, 26.5136, 17.0131

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

27.5918, 26.4217, 24.4145

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0178, 26.5136, 17.0131 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(200, 119, 106)` looks like.

```
.text, #text, p{  
    color:rgb(200, 119, 106)  
}
```

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(200, 119, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 119, 106) }
```

Border

The CSS property to change the border of an element to XYZ 33.0178, 26.5136, 17.0131 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(200, 119, 106) }
```


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

```
.border{ border-color:rgb(200, 119, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 119, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 119, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 119, 106);  
box-shadow:4px 4px 4px 4px rgb(200, 119,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0178, 26.5136, 17.0131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 119, 106) }
```

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

```
.background{ background-color: rgb(200,  
119, 106) }
```

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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