

Converting Colors

XYZ(34.4243, 27.1012, 18.8046)

Have a look what the booklet for
XYZ(34.4243, 27.1012, 18.8046)
contains.

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Color

**XYZ(34.3049, 26.9641,
18.7258)**

Conversions

Conversions Part 1

Format	Color
Hex	CC7670
RGB	204, 118, 112
RGB Percent	80%, 46%, 44%
CMY	0.2000, 0.5372, 0.5608
CMYK	0.00, 0.42, 0.45, 0.20
HSL	4°, 47%, 62%
HSV	4°, 45%, 80%
XYZ	34.3049, 26.9641, 18.7258
YIQ	143.0300, 53.1820, 16.3660

Conversions

Conversions Part 2

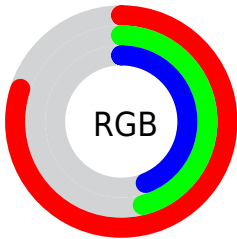
Format	Color
R_{YB}	204, 118, 112
Decimal	13399664
CIE _{Lab}	58.94, 32.97, 17.99
CIE _{LCh}	59, 37.559, 28.613
Yxy	26.9641, 0.4288, 0.3371
Android (android.graphics.Color)	4291589744 (0xFFCC7670)
YUV	143.0300, -15.2978, 53.4707
Hunter-Lab	51.9270, 27.0516, 14.9678

Details

The XYZ color **34.3049, 26.9641, 18.7258** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **37.7742, 48.1903, 64.4373**, and the grayscale version is **26.1654, 27.5280, 29.9780**.

A 20% lighter version of the original color is **62.5038, 53.0662, 42.0704**, and **15.0252, 10.7075, 6.1253** is the 20% darker color. If you saturate the color by 10%, you get **31.2721, 22.5149, 12.7316**, and if you desaturate by 10%, it is **38.0504, 32.4267, 26.2275**.

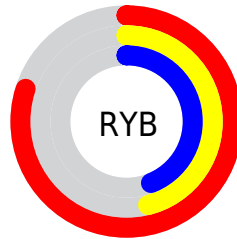
Distribution



Red (80%)

Green (46%)

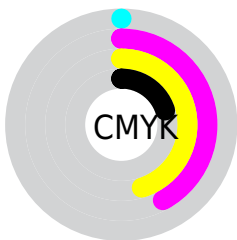
Blue (44%)



Red (80%)

Yellow (46%)

Blue (44%)

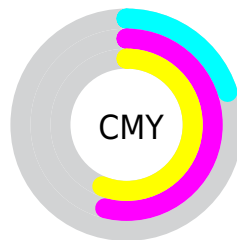


Cyan (0%)

Magenta (42%)

Yellow (45%)

Black (20%)



Cyan (20%)


Magenta (54%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.3049, 26.9641, 18.7258 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 34.3049, 26.9641, 18.7258 by changing the saturation by 10% instead.


 34.3049, 26.9641,
18.7258


 34.3049, 26.9641,
18.7258


313.0515,
287.4833, 257.3029


 23.2919, 17.5463,
11.2975


 65.7487, 54.8263,
42.1008


 14.9311, 10.6247,
6.1506


 86.9102, 74.0394,
58.8845

 8.8570, 5.8151,
2.8666


 112.1853, 97.2863,
79.6238

 4.7044, 2.7330,
1.0269

 141.9393,
124.9516, 104.7373

 2.1079, 0.9940,
0.0000

176.5375,
157.4195, 134.6433

 0.6935, 0.0000,
0.0000

216.3454,

 0.0000, 0.0000,

195.0745, 169.7606

0.0000

261.7283,
238.3010, 210.5076

■ 34.3049, 26.9641,
18.7258

■ 34.3049, 26.9641,
18.7258

■ 31.2721, 22.5149,
12.7316

■ 38.0504, 32.4267,
26.2275

■ 28.9046, 19.0130,
8.1416

■ 42.5476, 38.9556,
35.3276

■ 27.1530, 16.3908,
4.8417


■ 47.8352, 46.6045,
46.1116

■ 25.9598, 14.5701,
2.6994

■ 53.9487, 55.4227,
58.6585


■ 25.2563, 13.4588,
1.5538

■ 60.9214, 65.4563,
73.0424

 25.0498, 13.1333,
1.2147

 68.7848, 76.7490,
89.3329

 77.5686, 89.3424,
107.5963

 78.7118, 91.5773,
108.1354

Harmonies

Analogous

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



35.6449, 26.9641, 29.9832



34.3049, 26.9641, 18.7258



30.5722, 26.9641, 12.4779

Triad

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



34.3049, 26.9641, 18.7258



18.7294, 26.9641, 17.9419



25.4128, 26.9641, 63.1133

Complementary

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



34.3049, 26.9641, 18.7258



37.7742, 48.1903, 64.4373

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.



21.2489, 26.9641, 57.0882



34.3049, 26.9641, 18.7258



17.6900, 26.9641, 28.7441

Square

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



34.3049, 26.9641, 18.7258



21.5813, 26.9641, 12.1309



18.5544, 26.9641, 43.4066



30.1526, 26.9641, 58.0588

Rectangle

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



34.3049, 26.9641, 18.7258



27.4344, 26.9641, 10.7332



18.5544, 26.9641, 43.4066



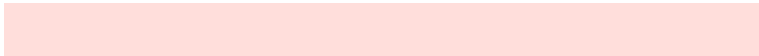
23.9038, 26.9641, 62.2900

Sweetspot

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



34.3056, 26.9655, 18.7263



80.0889, 78.4366, 78.1437



41.0514, 28.5680, 57.6271



16.7022, 16.1529, 15.8255



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.



34.3056, 26.9655, 18.7263



51.9663, 37.5468, 21.4306



40.8528, 40.0599, 20.9087



11.2701, 11.3292, 11.6722



15.7911, 8.3152, 0.7727



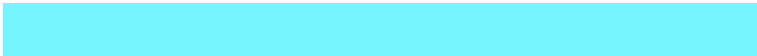
0.8357, 0.4710, 0.0469

Inverse Universe

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



37.7742, 48.1903, 64.4373



58.3860, 76.9417, 106.3817



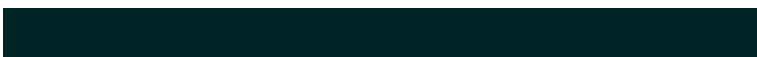
29.0382, 30.7182, 61.5253



11.4782, 12.5967, 14.3968



18.5700, 26.1639, 40.0277



0.9773, 1.3884, 2.0714

Previews

White Background



This preview shows how the XYZ color 34.3049, 26.9641, 18.7258 looks on a white background.

Color Contrast Check

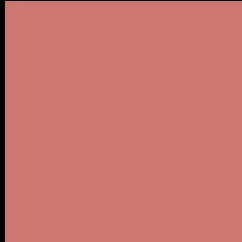
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.3049, 26.9641, 18.7258 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 34.3049, 26.9641, 18.7258

Background



This preview shows how black text looks on a background with the XYZ color 34.3049, 26.9641, 18.7258.



This preview shows how white text looks on a background with the XYZ color 34.3049, 26.9641,

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

34.3049, 26.9641, 18.7258

Protanopia

25.7055, 27.1908, 22.9623

Deuteranopia

27.5008, 26.9279, 18.2162



Tritanopia

35.1239, 26.9506, 22.7528

Trichromacy



Original Color

34.3049, 26.9641, 18.7258

Protanomaly

28.1399, 26.5661, 21.4139

Deuteranomaly

29.4871, 26.5296, 18.3184

Tritanomaly

34.9283, 27.0578, 21.1511

Monochromacy



Original Color

34.3049, 26.9641, 18.7258

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

28.2070, 26.7155, 25.4997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3049, 26.9641, 18.7258 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(204, 118, 112)` looks like.

```
.text, #text, p{  
    color:rgb(204, 118, 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(204, 118, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 118, 112) }
```

Border

The CSS property to change the border of an element to XYZ 34.3049, 26.9641, 18.7258 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(204, 118, 112) }
```


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

```
.border{ border-color:rgb(204, 118, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 118, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 118, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 118, 112);  
box-shadow:4px 4px 4px 4px rgb(204, 118,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3049, 26.9641, 18.7258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 118, 112) }
```

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

```
.background{ background-color: rgb(204,  
118, 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](#).

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