

Converting Colors

XYZ(34.1967, 26.0385, 17.3508)

Have a look what the booklet for
XYZ(34.1967, 26.0385, 17.3508)
contains.

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Color

**XYZ(34.3440, 26.1584,
17.4263)**

Conversions

Conversions Part 1

Format	Color
Hex	CF716C
RGB	207, 113, 108
RGB Percent	81%, 44%, 42%
CMY	0.1882, 0.5568, 0.5765
CMYK	0.00, 0.45, 0.48, 0.19
HSL	3°, 51%, 62%
HSV	3°, 48%, 81%
XYZ	34.3440, 26.1584, 17.4263
YIQ	140.5360, 57.6290, 18.3730

Conversions

Conversions Part 2

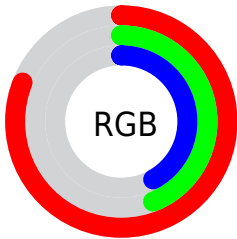
Format	Color
RYB	207, 113, 108
Decimal	13594988
CIELab	58.19, 36.36, 19.32
CIELCh	58, 41.172, 27.988
Yxy	26.1584, 0.4407, 0.3357
Android (android.graphics.Color)	4291785068 (0xFFCF716C)
YUV	140.5360, -16.0402, 58.2889
Hunter-Lab	51.1453, 30.3583, 15.6003

Details

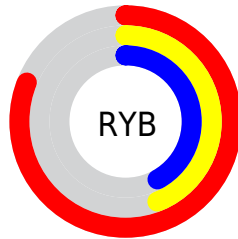
The XYZ color **34.3440, 26.1584, 17.4263** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **38.5660, 49.9314, 66.6363**, and the grayscale version is **25.1816, 26.4930, 28.8509**.

A 20% lighter version of the original color is **61.1342, 51.0356, 39.4296**, and **14.9594, 10.1717, 5.5898** is the 20% darker color. If you saturate the color by 10%, you get **31.4100, 21.8492, 11.6433**, and if you desaturate by 10%, it is **38.0156, 31.5244, 24.7460**.

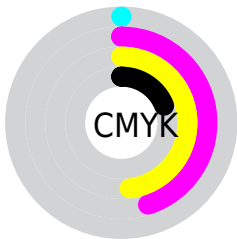
Distribution



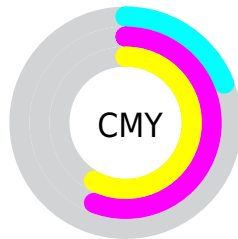
- Red (81%)
- Green (44%)
- Blue (42%)



- Red (81%)
- Yellow (44%)
- Blue (42%)



- Cyan (0%)
- Magenta (45%)
- Yellow (48%)
- Black (19%)





- Cyan (19%)
- Magenta (56%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.3440, 26.1584, 17.4263 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 34.3440, 26.1584, 17.4263 by changing the saturation by 10% instead.


 34.3440, 26.1584,
17.4263


 34.3440, 26.1584,
17.4263


313.2222,
283.5588, 249.7438


 23.3221, 16.9422,
10.3737

 65.8090, 53.5304,
39.8579


 14.9536, 10.1933,
5.5386


 86.9829, 72.4549,
56.0741

 8.8729, 5.5273,
2.5024


 112.2714, 95.3844,
76.1819

 4.7148, 2.5598,
0.8414

 142.0400,
122.7031, 100.5998

 2.1139, 0.9065,
0.0000

176.6541,
154.7955, 129.7464

 0.6968, 0.0000,
0.0000

216.4789,

 0.0000, 0.0000,

192.0460, 164.0402

0.0000

261.8798,
234.8390, 203.8998

■ 34.3440, 26.1584,
17.4263

■ 34.3440, 26.1584,
17.4263

■ 31.4100, 21.8492,
11.6433

■ 38.0156, 31.5244,
24.7460

■ 29.1620, 18.5234,
7.2860

■ 42.4680, 38.0063,
33.6995

■ 27.5445, 16.1045,
4.2313


■ 47.7434, 45.6637,
44.3778


■ 26.4930, 14.5030,
2.3342


■ 53.8803, 54.5506,
56.8648


■ 25.9238, 13.6095,
1.3898

■ 60.9149, 64.7180,
71.2389

 25.8456, 13.4926,
1.2421

 68.8813, 76.2136,
87.5737

 77.8118, 89.0829,
105.9391

 79.5420, 92.0053,
108.1742

Harmonies

Analogous

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



35.7485, 26.1584, 29.4587



34.3440, 26.1584, 17.4263



30.3090, 26.1584, 10.9466

Triad

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



34.3440, 26.1584, 17.4263



17.5762, 26.1584, 16.2485



24.5271, 26.1584, 65.7598

Complementary

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



34.3440, 26.1584, 17.4263



38.5660, 49.9314, 66.6363

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.



20.1115, 26.1584, 58.7485



34.3440, 26.1584, 17.4263



16.4471, 26.1584, 27.5273

Square

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



34.3440, 26.1584, 17.4263



20.6227, 26.1584, 10.4440



17.3100, 26.1584, 43.4373



29.6474, 26.1584, 60.3271

Rectangle

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



34.3440, 26.1584, 17.4263



26.9155, 26.1584, 9.1611



17.3100, 26.1584, 43.4373



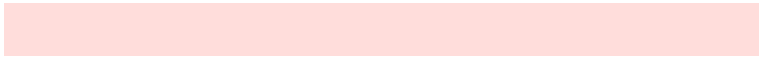
22.9172, 26.1584, 64.7427

Sweetspot

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



34.3447, 26.1597, 17.4268



79.9499, 78.1587, 78.0974



41.7612, 28.2573, 59.1610



16.6689, 16.0864, 15.8144



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.



34.3447, 26.1597, 17.4268



50.3966, 35.1005, 18.7710



41.4386, 40.3476, 19.7914



11.8560, 11.9027, 12.2846



16.3048, 8.5425, 0.7895



0.9289, 0.5121, 0.0499

Inverse Universe

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



38.5660, 49.9314, 66.6363



57.8971, 77.4329, 106.5023



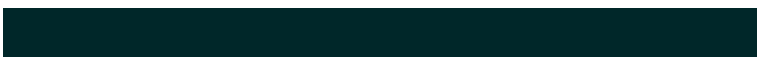
28.7646, 30.3287, 63.3691



12.1050, 13.3003, 15.1729



19.6304, 27.9074, 41.5445



1.1137, 1.5925, 2.3283

Previews

White Background



This preview shows how the XYZ color 34.3440, 26.1584, 17.4263 looks on a white background.

Color Contrast Check

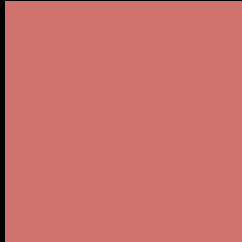
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.3440, 26.1584, 17.4263 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 34.3440, 26.1584, 17.4263

Background



This preview shows how black text looks on a background with the XYZ color 34.3440, 26.1584, 17.4263.



This preview shows how white text looks on a background with the XYZ color 34.3440, 26.1584,

17.4263.

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

34.3440, 26.1584, 17.4263

Protanopia

24.8619, 26.3397, 21.8629

Deuteranopia

26.8885, 26.4344, 16.7819



Tritanopia

35.0266, 26.1107, 20.6465

Trichromacy



Original Color

34.3440, 26.1584, 17.4263

Protanomaly

27.4972, 25.6612, 20.0269

Deuteranomaly

29.1952, 26.0224, 16.8487

Tritanomaly

34.9011, 26.2360, 19.4442

Monochromacy



Original Color

34.3440, 26.1584, 17.4263

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

27.5958, 25.8169, 24.2976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3440, 26.1584, 17.4263 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(207, 113, 108)` looks like.

```
.text, #text, p{  
    color:rgb(207, 113, 108)  
}
```

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(207, 113, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 113, 108) }
```

Border

The CSS property to change the border of an element to XYZ 34.3440, 26.1584, 17.4263 is called "border". The border property can be set on classes, ids or directly on the HTML element.

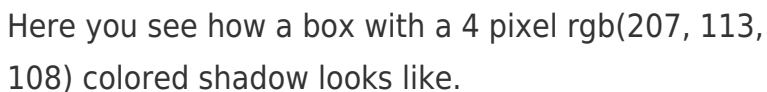
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 113, 108) }
```


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

```
.border{ border-color:rgb(207, 113, 108) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 113, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 113, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 113, 108); box-shadow:4px 4px 4px 4px rgb(207, 113, 108) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3440, 26.1584, 17.4263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 113, 108) }
```

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

```
.background{ background-color: rgb(207,  
113, 108) }
```

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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