

Converting Colors

XYZ(34.4931, 26.4689, 16.3400)

Have a look what the booklet for
XYZ(34.4931, 26.4689, 16.3400)
contains.

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Color

**XYZ(34.5284, 26.4440,
16.3811)**

Conversions

Conversions Part 1

Format	Color
Hex	D07268
RGB	208, 114, 104
RGB Percent	82%, 45%, 41%
CMY	0.1843, 0.5529, 0.5922
CMYK	0.00, 0.45, 0.50, 0.18
HSL	6°, 53%, 61%
HSV	6°, 50%, 82%
XYZ	34.5284, 26.4440, 16.3811
YIQ	140.9660, 59.2340, 16.8180

Conversions

Conversions Part 2

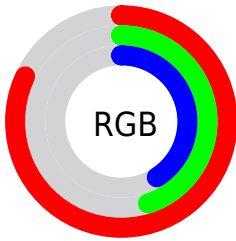
Format	Color
R _Y B	208, 115, 104
Decimal	13660776
CIE Lab	58.46, 35.83, 22.00
CIE LCh	58, 42.049, 31.549
Yxy	26.4440, 0.4464, 0.3419
Android (android.graphics.Color)	4291850856 (0xFFD07268)
YUV	140.9660, -18.2242, 58.7888
Hunter-Lab	51.4237, 29.8621, 17.1097

Details

The XYZ color **34.5284, 26.4440, 16.3811** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **37.2870, 47.8828, 66.9513**, and the grayscale version is **25.3577, 26.6783, 29.0527**.

A 20% lighter version of the original color is **60.9751, 51.2640, 37.6915**, and **15.0937, 10.3345, 5.0701** is the 20% darker color. If you saturate the color by 10%, you get **31.6923, 22.2593, 10.8505**, and if you desaturate by 10%, it is **38.0621, 31.6072, 23.4302**.

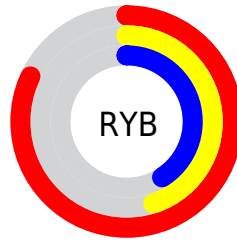
Distribution



Red (82%)

Green (45%)

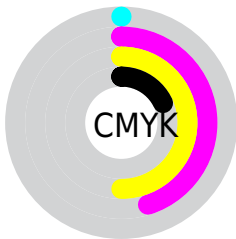
Blue (41%)



Red (82%)

Yellow (45%)

Blue (41%)

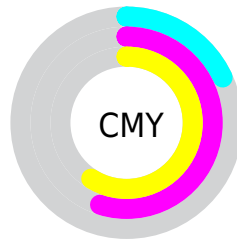


Cyan (0%)

Magenta (45%)

Yellow (50%)

Black (18%)



Cyan (18%)


Magenta (55%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.5284, 26.4440, 16.3811 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 34.5284, 26.4440, 16.3811 by changing the saturation by 10% instead.


 34.5284, 26.4440,
16.3811

 34.5284, 26.4440,
16.3811


314.0264,
284.9549, 243.5021

 23.4646, 17.1561,
9.6370


 66.0934, 53.9904,
38.0345


 15.0595, 10.3458,
5.0565


 87.3253, 73.0176,
53.7809

 8.9478, 5.6289,
2.2211


 112.6773, 96.0601,
73.3650

 4.7640, 2.6207,
0.6865

 142.5148,
123.5022, 97.2056

 2.1428, 0.9371,
0.0000

177.2031,
155.7284, 125.7210

 0.7123, 0.0000,
0.0000

217.1076,

 0.0000, 0.0000,

193.1229, 159.3299

0.0000

262.5935,
236.0703, 198.4508

■ 34.5284, 26.4440,
16.3811

■ 34.5284, 26.4440,
16.3811

■ 31.6923, 22.2593,
10.8505

■ 38.0621, 31.6072,
23.4302

■ 29.5055, 18.9874,
6.7252

■ 42.3337, 37.8009,
32.0968

■ 27.9166, 16.5610,
3.8785


■ 47.3825, 45.0785,
42.4732


■ 26.8651, 14.9019,
2.1602


■ 53.2445, 53.4884,
54.6446


■ 26.2627, 13.9106,
1.3008

■ 59.9536, 63.0761,
68.6901

 26.2626, 13.9105,
1.3008

 67.5417, 73.8845,
84.6843

 76.0389, 85.9545,
102.6978

 79.8223, 92.1498,
108.1874

Harmonies

Analogous

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



36.3600, 26.4440, 28.0348



34.5284, 26.4440, 16.3811



30.1407, 26.4440, 10.3929

Triad

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



34.5284, 26.4440, 16.3811



17.4102, 26.4440, 17.3077



25.4023, 26.4440, 67.3484

Complementary

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



34.5284, 26.4440, 16.3811



37.2870, 47.8828, 66.9513

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.



20.7153, 26.4440, 61.5219



34.5284, 26.4440, 16.3811



16.4954, 26.4440, 29.5647

Square

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



34.5284, 26.4440, 16.3811



20.3113, 26.4440, 10.7855



17.6201, 26.4440, 46.2794



30.6659, 26.4440, 60.2616

Rectangle

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



34.5284, 26.4440, 16.3811



26.6142, 26.4440, 8.8947



17.6201, 26.4440, 46.2794



23.7101, 26.4440, 66.8266

Sweetspot

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



34.5291, 26.4454, 16.3816



79.4380, 77.6691, 76.2801



41.3102, 27.4497, 57.3568



16.5863, 16.0262, 15.4628



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.



34.5291, 26.4454, 16.3816



49.9669, 34.8766, 16.6687



41.9062, 41.1996, 18.8406



11.8989, 11.9885, 12.2989



16.4005, 8.7341, 0.8214



0.9491, 0.5525, 0.0566

Inverse Universe

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



37.2870, 47.8828, 66.9513



54.7723, 72.5304, 105.7207



27.5799, 28.4686, 63.7156



12.0571, 13.2045, 15.1569



18.3418, 25.3302, 41.1150



1.0544, 1.4741, 2.3085

Previews

White Background



This preview shows how the XYZ color 34.5284, 26.4440, 16.3811 looks on a white background.

Color Contrast Check

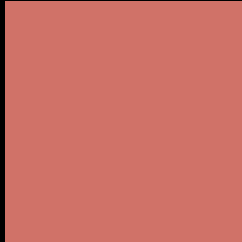
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.5284, 26.4440, 16.3811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

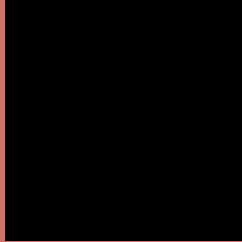
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.5284, 26.4440, 16.3811

Background



This preview shows how black text looks on a background with the XYZ color 34.5284, 26.4440, 16.3811.



This preview shows how white text looks on a background with the XYZ color 34.5284, 26.4440,

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

34.5284, 26.4440, 16.3811

Protanopia

25.0717, 26.7003, 20.3552

Deuteranopia

27.1127, 26.5729, 15.7567



Tritanopia

35.4788, 26.4997, 21.0143

Trichromacy



Original Color

34.5284, 26.4440, 16.3811

Protanomaly

27.6185, 25.9485, 18.8821

Deuteranomaly

29.4668, 26.1856, 15.8132

Tritanomaly

35.2369, 26.5805, 19.1929

Monochromacy



Original Color

34.5284, 26.4440, 16.3811

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

27.5296, 25.7904, 23.9492

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5284, 26.4440, 16.3811 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(208, 114, 104)` looks like.

```
.text, #text, p{  
    color:rgb(208, 114, 104)  
}
```

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(208, 114, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 114, 104) }
```

Border

The CSS property to change the border of an element to XYZ 34.5284, 26.4440, 16.3811 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(208, 114, 104) }
```


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

```
.border{ border-color:rgb(208, 114, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 114, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 114, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 114, 104);  
box-shadow:4px 4px 4px 4px rgb(208, 114,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5284, 26.4440, 16.3811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 114, 104) }
```

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

```
.background{ background-color: rgb(208,  
114, 104) }
```

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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