

Converting Colors

XYZ(34.4133, 32.5958, 12.4605)

Have a look what the booklet for
XYZ(34.4133, 32.5958, 12.4605)
contains.

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Color

**XYZ(34.4133, 32.5958,
12.4605)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C49152 |
| RGB | 196, 145, 82 |
| RGB Percent | 77%, 57%, 32% |
| CMY | 0.2314, 0.4314, 0.6784 |
| CMYK | 0.00, 0.26, 0.58, 0.23 |
| HSL | 33°, 49%, 55% |
| HSV | 33°, 58%, 77% |
| XYZ | 34.4133, 32.5958, 12.4605 |
| YIQ | 153.0670, 50.6190, -8.7810 |

Conversions

Conversions Part 2

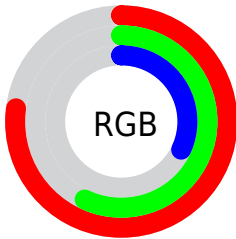
| Format | Color |
|-------------------------------------|---|
| RYB | 174, 196, 82 |
| Decimal | 12882258 |
| CIELab | 63.83, 12.26, 40.54 |
| CIELCh | 64, 42.356, 73.169 |
| Yxy | 32.5958, 0.4330, 0.4102 |
| Android (android.graphics.Color) | 4291072338 (0xFFC49152) |
| YUV | 153.0670, -35.0360, 37.6522 |
| Hunter-Lab | 57.0927, 7.6806, 27.0249 |

Details

The XYZ color **34.4133, 32.5958, 12.4605** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **21.8305, 22.5533, 55.4267**, and the grayscale version is **30.4405, 32.0258, 34.8761**.

A 20% lighter version of the original color is **65.8971, 63.8003, 31.0318**, and **15.0284, 13.7889, 3.3828** is the 20% darker color. If you saturate the color by 10%, you get **32.4831, 29.7634, 8.6483**, and if you desaturate by 10%, it is **36.6615, 35.7235, 17.4301**.

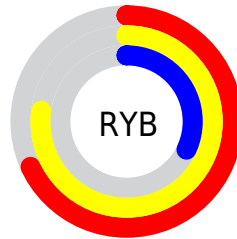
Distribution



Red (77%)

Green (57%)

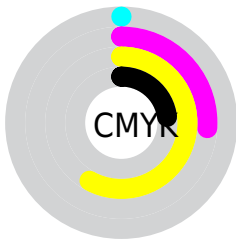
Blue (32%)



Red (68%)

Yellow (77%)

Blue (32%)

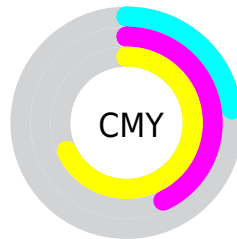


Cyan (0%)

Magenta (26%)

Yellow (58%)

Black (23%)



Cyan (23%)


Magenta (43%)


Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.4133, 32.5958, 12.4605 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 34.4133, 32.5958, 12.4605 by changing the saturation by 10% instead.


 34.4133, 32.5958,
12.4605


 34.4133, 32.5958,
12.4605

313.5246,
313.8244, 218.5155


 23.3757, 21.8170,
6.9318


 65.9159, 63.7440,
31.0079

 14.9934, 13.7225,
3.3417


 87.1116, 84.8821,
44.8637


 8.9010, 7.9279,
1.2716


 112.4240,
110.2421, 62.3323

 4.7333, 4.0488,
0.0384

 142.2185,
140.2084, 83.8321

 2.1248, 1.7009,
0.0000

 176.8605,
175.1654, 109.7819

 0.7026, 0.4243,
0.0000

216.7153,

 0.0000, 0.0000,

215.4975, 140.6000

0.0000

262.1482,
261.5890, 176.7050

■ 34.4133, 32.5958,
12.4605

■ 34.4133, 32.5958,
12.4605

■ 32.4831, 29.7634,
8.6483

■ 36.6615, 35.7235,
17.4301

■ 30.8475, 27.2092,
5.8926

■ 39.2441, 39.1526,
23.6429

■ 29.4830, 24.9214,
4.0777

■ 42.1789, 42.8952,
31.1785

■ 28.3535, 22.8815,
3.0256

■ 45.4816, 46.9609,
40.1094

■ 28.1616, 22.5293,
2.8643

■ 49.1670, 51.3587,
50.5027

■ 53.2487, 56.0976,
62.4211

■ 57.7399, 61.1856,
75.9237

■ 62.6529, 66.6310,
91.0665

■ 67.4471, 72.2203,
104.9928

Harmonies

Analogous

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



40.0967, 32.5958, 17.4633



34.4133, 32.5958, 12.4605



28.4473, 32.5958, 12.1928

Triad

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



34.4133, 32.5958, 12.4605



21.1235, 32.5958, 43.4916



39.4860, 32.5958, 65.1519

Complementary

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



34.4133, 32.5958, 12.4605



21.8305, 22.5533, 55.4267

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.



33.6616, 32.5958, 77.9079



34.4133, 32.5958, 12.4605



23.3641, 32.5958, 62.9578

Square

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



34.4133, 32.5958, 12.4605



21.2704, 32.5958, 26.8247



27.7855, 32.5958, 76.9963



43.2725, 32.5958, 45.8484

Rectangle

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



34.4133, 32.5958, 12.4605



25.1342, 32.5958, 14.5234



27.7855, 32.5958, 76.9963



37.6715, 32.5958, 70.5880

Sweetspot

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



34.4141, 32.5974, 12.4611



82.9624, 85.7615, 74.2372



30.0366, 19.4723, 24.4748



17.4815, 18.0221, 15.1276



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.



34.4141, 32.5974, 12.4611



57.9217, 52.5082, 14.0113



42.5729, 51.0745, 15.5976



10.5243, 10.9801, 10.6265



18.1822, 14.6502, 1.8695



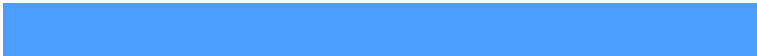
0.8536, 0.7689, 0.1034

Inverse Universe

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



21.8305, 22.5533, 55.4267



33.0172, 32.6707, 99.1736



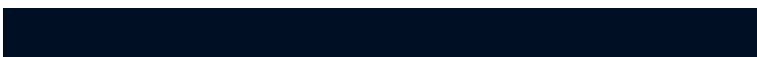
16.9775, 12.0805, 53.6611



9.8909, 10.4732, 12.7850



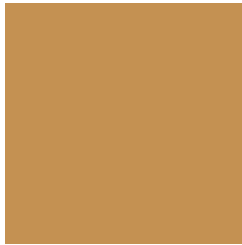
8.7107, 7.1778, 34.4830



0.4450, 0.4475, 1.5128

Previews

White Background



This preview shows how the XYZ color 34.4133, 32.5958, 12.4605 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 34.4133, 32.5958, 12.4605 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 ✓ Pass

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

XYZ 34.4133, 32.5958, 12.4605

Background



This preview shows how black text looks on a background with the XYZ color 34.4133, 32.5958, 12.4605.



This preview shows how white text looks on a background with the XYZ color 34.4133, 32.5958,

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

34.4133, 32.5958, 12.4605

Protanopia

29.9386, 32.6446, 13.3174

Deuteranopia

33.3103, 32.7210, 12.3447



Tritanopia

38.3784, 32.4469, 32.2571

Trichromacy



Original Color

34.4133, 32.5958, 12.4605

Protanomaly

31.2572, 32.3570, 12.9856

Deuteranomaly

33.6571, 32.6680, 12.3162

Tritanomaly

36.5694, 32.3535, 23.3862

Monochromacy



Original Color

34.4133, 32.5958, 12.4605

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.0993, 31.7800, 24.5737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4133, 32.5958, 12.4605 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(196, 145, 82)` looks like.

```
.text, #text, p{  
    color:rgb(196, 145, 82)  
}
```

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(196, 145, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 145, 82) }
```

Border

The CSS property to change the border of an element to XYZ 34.4133, 32.5958, 12.4605 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(196, 145, 82) }
```


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

```
.border{ border-color:rgb(196, 145, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 145, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 145, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 145, 82);  
box-shadow:4px 4px 4px 4px rgb(196, 145,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4133, 32.5958, 12.4605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 145, 82) }
```

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

```
.background{ background-color: rgb(196,  
145, 82) }
```

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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