

Converting Colors

XYZ(35.5880, 34.4213, 14.7957)

Have a look what the booklet for
XYZ(35.5880, 34.4213, 14.7957)
contains.

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Color

**XYZ(35.6031, 34.3212,
14.8734)**

Conversions

Conversions Part 1

Format	Color
Hex	C4965C
RGB	196, 150, 92
RGB Percent	77%, 59%, 36%
CMY	0.2314, 0.4117, 0.6392
CMYK	0.00, 0.23, 0.53, 0.23
HSL	33°, 47%, 56%
HSV	33°, 53%, 77%
XYZ	35.6031, 34.3212, 14.8734
YIQ	157.1420, 46.0340, -8.2860

Conversions

Conversions Part 2

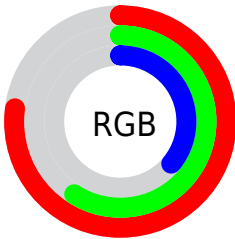
Format	Color
RYB	174, 196, 92
Decimal	12883548
CIELab	65.22, 10.36, 37.03
CIElCh	65, 38.448, 74.373
Yxy	34.3212, 0.4199, 0.4047
Android (android.graphics.Color)	4291073628 (0xFFC4965C)
YUV	157.1420, -32.1150, 34.0785
Hunter-Lab	58.5843, 5.9563, 25.9564

Details

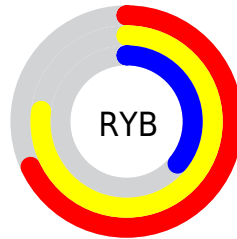
The XYZ color **35.6031, 34.3212, 14.8734** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **23.4655, 24.4368, 55.7044**, and the grayscale version is **32.2381, 33.9170, 36.9356**.

A 20% lighter version of the original color is **67.7908, 66.4289, 35.2357**, and **15.7317, 14.6810, 4.3874** is the 20% darker color. If you saturate the color by 10%, you get **33.5224, 31.3582, 10.4858**, and if you desaturate by 10%, it is **38.0095, 37.5809, 20.4638**.

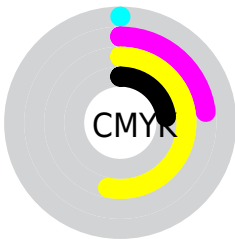
Distribution



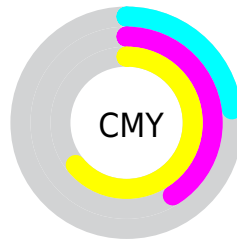
- Red (77%)
- Green (59%)
- Blue (36%)



- Red (68%)
- Yellow (77%)
- Blue (36%)



- Cyan (0%)
- Magenta (23%)
- Yellow (53%)
- Black (23%)





- Cyan (23%)
- Magenta (41%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.6031, 34.3212, 14.8734 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 35.6031, 34.3212, 14.8734 by changing the saturation by 10% instead.


 35.6031, 34.3212,
14.8734


 35.6031, 34.3212,
14.8734


318.6840,
321.5619, 234.2130


 24.2965, 23.1405,
8.5849


 67.7469, 66.4329,
35.3701

 15.6796, 14.6973,
4.3784


 89.3148, 88.1326,
50.4154

 9.3872, 8.6072,
1.8351


 115.0339,
114.1074, 69.2168

 5.0537, 4.4859,
0.4510

 145.2695,
144.7417, 92.1927

 2.3139, 1.9489,
0.0000

180.3869,
180.4199, 119.7617

 0.8018, 0.5775,
0.0000

220.7516,

 0.0000, 0.0000,

221.5264, 152.3424

0.0000

266.7288,
268.4456, 190.3533

■ 35.6031, 34.3212,
14.8734

■ 35.6031, 34.3212,
14.8734

■ 33.5224, 31.3582,
10.4858

■ 38.0095, 37.5809,
20.4638

■ 31.7452, 28.6754,
7.2061

■ 40.7568, 41.1428,
27.3377

■ 30.2499, 26.2620,
4.9285

■ 43.8621, 45.0184,
35.5714

■ 29.0101, 24.1037,
3.5249

■ 47.3405, 49.2169,
45.2345

■ 28.2673, 22.7406,
2.8995

■ 51.2061, 53.7471,
56.3915

■ 55.4723, 58.6173,
69.1035

■ 60.1517, 63.8357,
83.4276

■ 65.2563, 69.4098,
99.4185

■ 68.5639, 74.4538,
105.3650

Harmonies

Analogous

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



40.9231, 34.3212, 19.7122



35.6031, 34.3212, 14.8734



30.0253, 34.3212, 14.7792

Triad

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



35.6031, 34.3212, 14.8734



23.2779, 34.3212, 45.5436



40.7298, 34.3212, 63.9741

Complementary

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



35.6031, 34.3212, 14.8734



23.4655, 24.4368, 55.7044

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.



35.3627, 34.3212, 75.8228



35.6031, 34.3212, 14.8734



25.5258, 34.3212, 63.2946

Square

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



35.6031, 34.3212, 14.8734



23.3266, 34.3212, 29.6761



29.8108, 34.3212, 75.5436



44.1056, 34.3212, 46.2904

Rectangle

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



35.6031, 34.3212, 14.8734



26.9216, 34.3212, 17.2859



29.8108, 34.3212, 75.5436



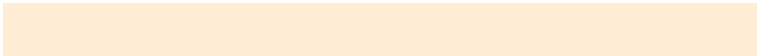
39.0735, 34.3212, 68.9698

Sweetspot

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



35.6039, 34.3229, 14.8741



83.6745, 86.6680, 76.0708



31.2378, 21.2486, 26.8049



17.6255, 18.2081, 15.4900



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.



35.6039, 34.3229, 14.8741



60.0600, 55.8231, 17.6889



43.1073, 51.3029, 17.7561



10.5286, 10.9886, 10.6280



18.2501, 14.7859, 1.8921



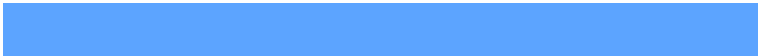
0.8563, 0.7744, 0.1044

Inverse Universe

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



23.4655, 24.4368, 55.7044



35.7151, 36.0278, 99.6794



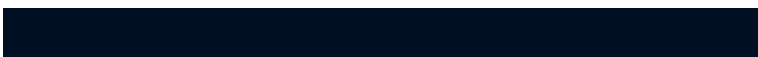
18.7424, 14.1926, 53.9760



9.8867, 10.4647, 12.7836



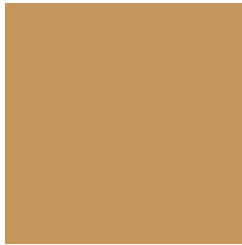
8.6586, 7.0737, 34.4656



0.4427, 0.4428, 1.5120

Previews

White Background



This preview shows how the XYZ color 35.6031, 34.3212, 14.8734 looks on a white background.

Color Contrast Check

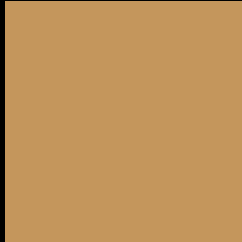
Large Text (above 18pt) WCAG AA × Fail

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 35.6031, 34.3212, 14.8734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

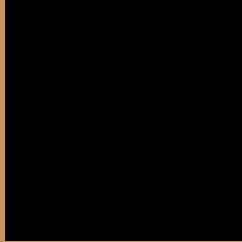
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.6031, 34.3212, 14.8734

Background



This preview shows how black text looks on a background with the XYZ color 35.6031, 34.3212, 14.8734.



This preview shows how white text looks on a background with the XYZ color 35.6031, 34.3212,

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

35.6031, 34.3212, 14.8734

Protanopia

31.6973, 34.5067, 15.8163

Deuteranopia

34.9907, 34.2434, 14.8906



Tritanopia

39.6596, 34.3623, 34.6793

Trichromacy



Original Color

35.6031, 34.3212, 14.8734

Protanomaly

32.9649, 34.4088, 15.4938

Deuteranomaly

35.2465, 34.3753, 14.9026

Tritanomaly

37.9288, 34.3386, 26.1017

Monochromacy



Original Color

35.6031, 34.3212, 14.8734

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.5838, 33.4626, 26.9319

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6031, 34.3212, 14.8734 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, 150, 92)` looks like.

```
.text, #text, p{  
    color:rgb(196, 150, 92)  
}
```

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, 150, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 150, 92) }
```

Border

The CSS property to change the border of an element to XYZ 35.6031, 34.3212, 14.8734 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, 150, 92) }
```


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

```
.border{ border-color:rgb(196, 150, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 150, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 150, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 150, 92);  
box-shadow:4px 4px 4px 4px rgb(196, 150,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6031, 34.3212, 14.8734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 150, 92) }
```

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

```
.background{ background-color: rgb(196,  
150, 92) }
```

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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