

Converting Colors

XYZ(35.7547, 34.8393, 15.9083)

Have a look what the booklet for
XYZ(35.7547, 34.8393, 15.9083)
contains.

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Color

**XYZ(35.8452, 34.9031,
15.9141)**

Conversions

Conversions Part 1

Format	Color
Hex	C39860
RGB	195, 152, 96
RGB Percent	76%, 60%, 38%
CMY	0.2353, 0.4039, 0.6235
CMYK	0.00, 0.22, 0.51, 0.24
HSL	34°, 45%, 57%
HSV	34°, 51%, 76%
XYZ	35.8452, 34.9031, 15.9141
YIQ	158.4730, 43.6040, -8.3000

Conversions

Conversions Part 2

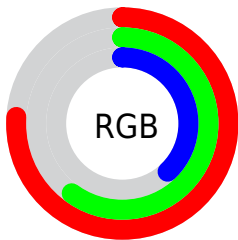
Format	Color
RYB	172, 195, 96
Decimal	12818528
CIELab	65.67, 9.20, 35.47
CIELCh	66, 36.640, 75.450
Yxy	34.9031, 0.4136, 0.4027
Android (android.graphics.Color)	4291008608 (0xFFC39860)
YUV	158.4730, -30.7992, 32.0342
Hunter-Lab	59.0788, 4.9142, 25.3842

Details

The XYZ color **35.8452, 34.9031, 15.9141** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **23.9064, 24.8911, 55.1739**, and the grayscale version is **32.8369, 34.5470, 37.6217**.

A 20% lighter version of the original color is **68.2108, 67.3200, 37.0027**, and **15.8346, 15.0097, 4.8589** is the 20% darker color. If you saturate the color by 10%, you get **33.7308, 31.9372, 11.3160**, and if you desaturate by 10%, it is **38.2822, 38.1577, 21.7190**.

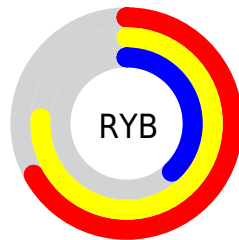
Distribution



Red (76%)

Green (60%)

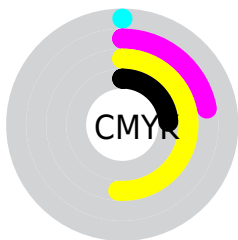
Blue (38%)



Red (67%)

Yellow (76%)

Blue (38%)

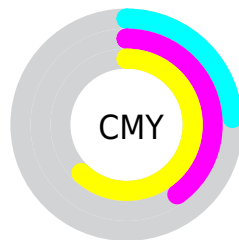


Cyan (0%)

Magenta (22%)

Yellow (51%)

Black (24%)



Cyan (24%)


Magenta (40%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.8452, 34.9031, 15.9141 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 35.8452, 34.9031, 15.9141 by changing the saturation by 10% instead.


 35.8452, 34.9031,
15.9141


 35.8452, 34.9031,
15.9141


319.7265,
324.1404, 240.6627


 24.4842, 23.5882,
9.3097


 68.1185, 67.3356,
37.2137

 15.8199, 15.0285,
4.8442


 89.7615, 89.2221,
52.7460

 9.4868, 8.8394,
2.0990


 115.5626,
115.4012, 72.0914

 5.1197, 4.6366,
0.6152

 145.8871,
146.2574, 95.6683

 2.3531, 2.0356,
0.0000

181.1004,
182.1750, 123.8954

 0.8216, 0.6281,
0.0000

221.5678,

 0.0000, 0.0000,

223.5384, 157.1911

0.0000

267.6547,
270.7321, 195.9740

■ 35.8452, 34.9031,
15.9141

■ 35.8452, 34.9031,
15.9141

■ 33.7308, 31.9372,
11.3160

■ 38.2822, 38.1577,
21.7190

■ 31.9175, 29.2443,
7.8336

■ 41.0562, 41.7060,
28.8085

■ 30.3851, 26.8142,
5.3661

■ 44.1837, 45.5590,
37.2564

■ 29.1085, 24.6333,
3.7929

■ 47.6794, 49.7255,
47.1303

■ 28.1152, 22.8214,
2.9231

■ 51.5568, 54.2138,
58.4930

■ 55.8289, 59.0320,
71.4037

■ 60.5079, 64.1878,
85.9184

■ 65.6055, 69.6884,
102.0901

■ 68.3606, 74.4322,
105.3716

Harmonies

Analogous

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



40.9845, 34.9031, 20.5405



35.8452, 34.9031, 15.9141



30.4907, 34.9031, 15.9817

Triad

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



35.8452, 34.9031, 15.9141



24.1584, 34.9031, 46.4670



41.1172, 34.9031, 62.8446

Complementary

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



35.8452, 34.9031, 15.9141



23.9064, 24.8911, 55.1739

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.



36.0111, 34.9031, 74.3676



35.8452, 34.9031, 15.9141



26.4254, 34.9031, 63.3068

Square

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



35.8452, 34.9031, 15.9141



24.1243, 34.9031, 31.0275



30.6396, 34.9031, 74.5565



44.2445, 34.9031, 45.9539

Rectangle

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



35.8452, 34.9031, 15.9141



27.5219, 34.9031, 18.5979



30.6396, 34.9031, 74.5565



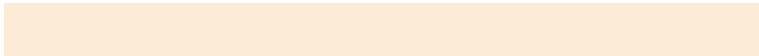
39.5521, 34.9031, 67.6538

Sweetspot

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



35.8460, 34.9048, 15.9148



82.5169, 85.6578, 76.1936



31.4629, 21.8779, 27.5890



17.7773, 18.4083, 15.8599



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.



35.8460, 34.9048, 15.9148



60.0029, 56.6073, 19.4322



42.8740, 50.8281, 18.6179



10.5354, 11.0021, 10.6302



18.3584, 15.0025, 1.9282



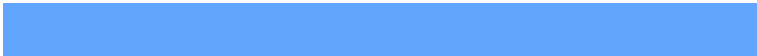
0.8607, 0.7832, 0.1058

Inverse Universe

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



23.9064, 24.8911, 55.1739



36.2440, 36.7101, 97.6453



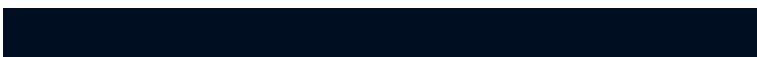
19.3947, 15.0701, 53.5161



9.8801, 10.4515, 12.7814



8.5780, 6.9124, 34.4387



0.4390, 0.4355, 1.5108

Previews

White Background



This preview shows how the XYZ color 35.8452, 34.9031, 15.9141 looks on a white background.

Color Contrast Check

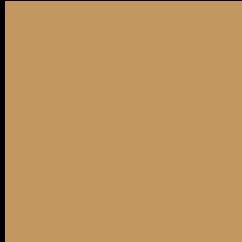
Large Text (above 18pt) WCAG AA × Fail

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 35.8452, 34.9031, 15.9141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

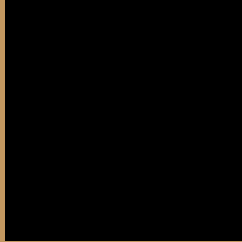
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.8452, 34.9031, 15.9141

Background



This preview shows how black text looks on a background with the XYZ color 35.8452, 34.9031, 15.9141.



This preview shows how white text looks on a background with the XYZ color 35.8452, 34.9031,

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

35.8452, 34.9031, 15.9141

Protanopia

32.2785, 35.0411, 16.8667

Deuteranopia

35.7507, 35.0963, 15.9563



Tritanopia

39.9456, 34.9305, 36.0894

Trichromacy



Original Color

35.8452, 34.9031, 15.9141

Protanomaly

33.5530, 34.9409, 16.5311

Deuteranomaly

35.7507, 35.0963, 15.9563

Tritanomaly

38.1817, 34.9068, 27.2796

Monochromacy



Original Color

35.8452, 34.9031, 15.9141

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.0562, 34.1841, 27.7776

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8452, 34.9031, 15.9141 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(195, 152, 96)` looks like.

```
.text, #text, p{  
    color:rgb(195, 152, 96)  
}
```

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(195, 152, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 152, 96) }
```

Border

The CSS property to change the border of an element to XYZ 35.8452, 34.9031, 15.9141 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(195, 152, 96) }
```


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

```
.border{ border-color:rgb(195, 152, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 152, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 152, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 152, 96);  
box-shadow:4px 4px 4px 4px rgb(195, 152,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8452, 34.9031, 15.9141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 152, 96) }
```

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

```
.background{ background-color: rgb(195,  
152, 96) }
```

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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