

Converting Colors

XYZ(35.7731, 34.8531, 17.1898)

Have a look what the booklet for
XYZ(35.7731, 34.8531, 17.1898)
contains.

XYZ(35.8253, 34.8654, 17.1534)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.8253, 34.8654,
17.1534)**

Conversions

Conversions Part 1

Format	Color
Hex	C29865
RGB	194, 152, 101
RGB Percent	76%, 60%, 40%
CMY	0.2392, 0.4039, 0.6039
CMYK	0.00, 0.22, 0.48, 0.24
HSL	33°, 43%, 58%
HSV	33°, 48%, 76%
XYZ	35.8253, 34.8654, 17.1534
YIQ	158.7440, 41.4030, -6.9570

Conversions

Conversions Part 2

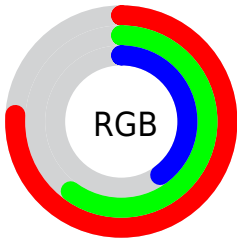
Format	Color
RYB	178, 194, 101
Decimal	12752997
CIELab	65.64, 9.26, 32.75
CIELCh	66, 34.033, 74.203
Yxy	34.8654, 0.4078, 0.3969
Android (android.graphics.Color)	4290943077 (0xFFC29865)
YUV	158.7440, -28.4678, 30.9195
Hunter-Lab	59.0469, 4.9684, 24.1088

Details

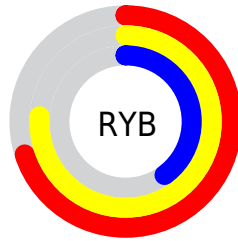
The XYZ color **35.8253, 34.8654, 17.1534** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **24.9264, 26.3055, 54.8024**, and the grayscale version is **32.9511, 34.6671, 37.7525**.

A 20% lighter version of the original color is **67.9660, 67.1380, 39.5137**, and **15.7775, 14.9677, 5.4256** is the 20% darker color. If you saturate the color by 10%, you get **33.6152, 31.7910, 12.2679**, and if you desaturate by 10%, it is **38.3665, 38.2430, 23.2568**.

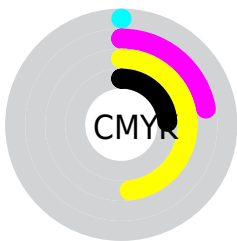
Distribution



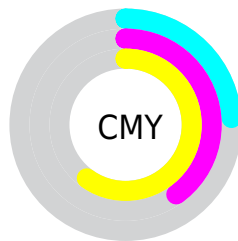
- Red (76%)
- Green (60%)
- Blue (40%)



- Red (70%)
- Yellow (76%)
- Blue (40%)



- Cyan (0%)
- Magenta (22%)
- Yellow (48%)
- Black (24%)





- Cyan (24%)
- Magenta (40%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.8253, 34.8654, 17.1534 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 35.8253, 34.8654, 17.1534 by changing the saturation by 10% instead.


 35.8253, 34.8654,
17.1534


 35.8253, 34.8654,
17.1534


319.6409,
323.9738, 248.1286


 24.4688, 23.5592,
10.1808


 68.0880, 67.2772,
39.3836

 15.8083, 15.0070,
5.4118


 89.7248, 89.1516,
55.4783

 9.4786, 8.8243,
2.4279


 115.5192,
115.3175, 75.4507

 5.1143, 4.6267,
0.8016

 145.8364,
146.1594, 99.7195

 2.3499, 2.0300,
0.0000

181.0418,
182.0615, 128.7032

 0.8200, 0.6248,
0.0000

221.5008,

 0.0000, 0.0000,

223.4084, 162.8202

0.0000

267.5787,
270.5844, 202.4892

■ 35.8253, 34.8654,
17.1534

■ 35.8253, 34.8654,
17.1534

■ 33.6152, 31.7910,
12.2679

■ 38.3665, 38.2430,
23.2568

■ 31.7153, 29.0038,
8.5132

■ 41.2530, 41.9288,
30.6531

■ 30.1061, 26.4936,
5.7935

■ 44.5009, 45.9342,
39.4134

■ 28.7639, 24.2470,
3.9960

■ 48.1246, 50.2682,
49.6030

■ 27.6540, 22.2462,
2.9513

■ 52.1376, 54.9392,
61.2833

■ 27.4431, 21.8593,
2.7729

■ 56.5526, 59.9557,
74.5116

■ 61.3817, 65.3254,
89.3425

■ 66.4425, 70.9783,
104.8060

■ 68.8313, 75.7559,
105.6023

Harmonies

Analogous

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



40.5196, 34.8654, 21.8192



35.8253, 34.8654, 17.1534



30.8350, 34.8654, 17.0370

Triad

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



35.8253, 34.8654, 17.1534



24.6646, 34.8654, 45.1272



40.3038, 34.8654, 61.3202

Complementary

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



35.8253, 34.8654, 17.1534



24.9264, 26.3055, 54.8024

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.



35.5539, 34.8654, 71.4008



35.8253, 34.8654, 17.1534



26.7130, 34.8654, 60.5778

Square

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



35.8253, 34.8654, 17.1534



24.7214, 34.8654, 30.9493



30.5895, 34.8654, 71.0992



43.2774, 34.8654, 45.9623

Rectangle

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



35.8253, 34.8654, 17.1534



28.0225, 34.8654, 19.4399



30.5895, 34.8654, 71.0992



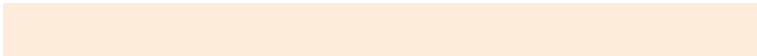
38.8422, 34.8654, 65.5922

Sweetspot

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



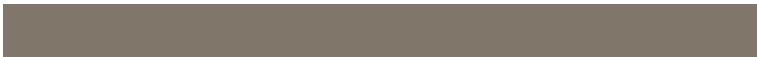
35.8262, 34.8671, 17.1541



82.9832, 86.0686, 77.9579



31.9666, 22.8028, 29.2630



17.8641, 18.4767, 16.2128



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.



35.8262, 34.8671, 17.1541



60.5400, 57.0786, 21.4700



43.1014, 50.5864, 19.8048



10.5207, 10.9729, 10.6254



18.1260, 14.5377, 1.8507



0.8513, 0.7643, 0.1027

Inverse Universe

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



24.9264, 26.3055, 54.8024



38.3699, 39.6839, 98.1072



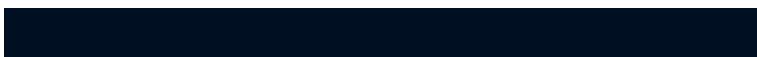
20.1121, 16.1518, 53.0963



9.8945, 10.4803, 12.7862



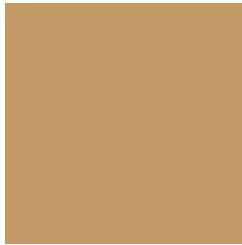
8.7548, 7.2662, 34.4977



0.4470, 0.4514, 1.5135

Previews

White Background



This preview shows how the XYZ color 35.8253, 34.8654, 17.1534 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 35.8253, 34.8654, 17.1534 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 35.8253, 34.8654, 17.1534

Background



This preview shows how black text looks on a background with the XYZ color 35.8253, 34.8654, 17.1534.



This preview shows how white text looks on a background with the XYZ color 35.8253, 34.8654,

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

35.8253, 34.8654, 17.1534

Protanopia

32.5251, 35.1398, 18.1651

Deuteranopia

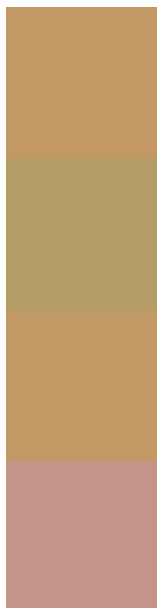
35.7325, 35.0595, 17.1958



Tritanopia

39.6793, 34.7932, 36.0769

Trichromacy



Original Color

35.8253, 34.8654, 17.1534

Protanomaly

33.5612, 34.9170, 17.8027

Deuteranomaly

35.7325, 35.0595, 17.1958

Tritanomaly

38.0598, 34.8277, 28.0090

Monochromacy



Original Color

35.8253, 34.8654, 17.1534

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.4892, 34.3826, 28.9162

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8253, 34.8654, 17.1534 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(194, 152, 101)` looks like.

```
.text, #text, p{  
    color:rgb(194, 152, 101)  
}
```

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(194, 152, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 152, 101) }
```

Border

The CSS property to change the border of an element to XYZ 35.8253, 34.8654, 17.1534 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(194, 152, 101) }
```


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

```
.border{ border-color:rgb(194, 152, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 152, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 152, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 152, 101);  
box-shadow:4px 4px 4px 4px rgb(194, 152,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8253, 34.8654, 17.1534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 152, 101) }
```

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

```
.background{ background-color: rgb(194,  
152, 101) }
```

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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