

Converting Colors

XYZ(35.6945, 34.0875, 18.7223)

Have a look what the booklet for
XYZ(35.6945, 34.0875, 18.7223)
contains.

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Color

**XYZ(35.6494, 34.0258,
18.5986)**

Conversions

Conversions Part 1

Format	Color
Hex	C2956B
RGB	194, 149, 107
RGB Percent	76%, 58%, 42%
CMY	0.2392, 0.4157, 0.5804
CMYK	0.00, 0.23, 0.45, 0.24
HSL	29°, 42%, 59%
HSV	29°, 45%, 76%
XYZ	35.6494, 34.0258, 18.5986
YIQ	157.6670, 40.3020, -3.5220

Conversions

Conversions Part 2

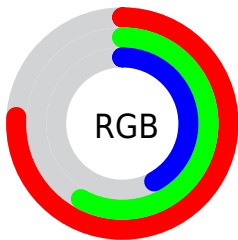
Format	Color
RYB	194, 188, 107
Decimal	12752235
CIELab	64.98, 11.52, 28.66
CIElCh	65, 30.886, 68.099
Yxy	34.0258, 0.4039, 0.3855
Android (android.graphics.Color)	4290942315 (0xFFC2956B)
YUV	157.6670, -24.9788, 31.8640
Hunter-Lab	58.3316, 7.0100, 21.9280

Details

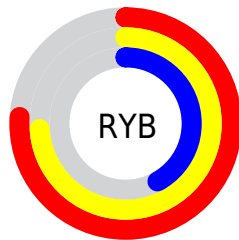
The XYZ color **35.6494, 34.0258, 18.5986** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **27.0287, 29.4760, 55.3036**, and the grayscale version is **32.4460, 34.1357, 37.1738**.

A 20% lighter version of the original color is **67.7588, 65.9105, 41.9516**, and **15.6383, 14.4544, 6.1034** is the 20% darker color. If you saturate the color by 10%, you get **33.2216, 30.6244, 13.3063**, and if you desaturate by 10%, it is **38.4447, 37.7956, 25.1437**.

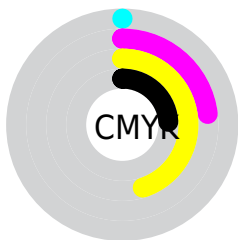
Distribution



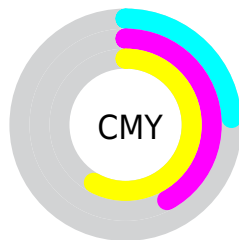
- Red (76%)
- Green (58%)
- Blue (42%)



- Red (76%)
- Yellow (74%)
- Blue (42%)



- Cyan (0%)
- Magenta (23%)
- Yellow (45%)
- Black (24%)





- Cyan (24%)
- Magenta (42%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.6494, 34.0258, 18.5986 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 35.6494, 34.0258, 18.5986 by changing the saturation by 10% instead.


 35.6494, 34.0258,
18.5986


 35.6494, 34.0258,
18.5986


318.8836,
320.2471, 256.5722


 24.3324, 22.9134,
11.2067

 67.8180, 65.9738,
41.8823

 15.7064, 14.5296,
6.0901


 89.4003, 87.5782,
58.6113

 9.4062, 8.4899,
2.8303


 115.1351,
113.4487, 79.2897

 5.0663, 4.4100,
1.0086

 145.3877,
143.9698, 104.3361

 2.3214, 1.9055,
0.0000

180.5235,
179.5257, 134.1690

 0.8056, 0.5517,
0.0000

220.9078,

 0.0000, 0.0000,

220.5010, 169.2069

0.0000

266.9061,
267.2800, 209.8685

■ 35.6494, 34.0258,
18.5986

■ 35.6494, 34.0258,
18.5986

■ 33.2216, 30.6244,
13.3063

■ 38.4447, 37.7956,
25.1437

■ 31.1398, 27.5734,
9.1821

■ 41.6223, 41.9412,
33.0149

■ 29.3838, 24.8604,
6.1337


■ 45.1992, 46.4757,
42.2819


■ 27.9298, 22.4699,
4.0537


■ 49.1904, 51.4102,
53.0091


■ 26.7494, 20.3843,
2.8119


■ 53.6104, 56.7552,
65.2568

 26.2211, 19.4154,
2.3655

 58.4725, 62.5206,
79.0818

 63.7896, 68.7162,
94.5381

 68.3928, 74.8788,
105.4561

 71.2542, 80.6016,
106.4099

Harmonies

Analogous

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



39.5774, 34.0258, 23.8548



35.6494, 34.0258, 18.5986



31.1461, 34.0258, 17.6494

Triad

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



35.6494, 34.0258, 18.5986



24.5643, 34.0258, 40.6211



37.9318, 34.0258, 59.9590

Complementary

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



35.6494, 34.0258, 18.5986



27.0287, 29.4760, 55.3036

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.



33.5651, 34.0258, 67.1081



35.6494, 34.0258, 18.5986



26.0444, 34.0258, 54.3828

Square

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



35.6494, 34.0258, 18.5986



25.0115, 34.0258, 28.6137



29.2430, 34.0258, 64.8614



40.9773, 34.0258, 46.9962

Rectangle

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



35.6494, 34.0258, 18.5986



28.4634, 34.0258, 19.3173



29.2430, 34.0258, 64.8614



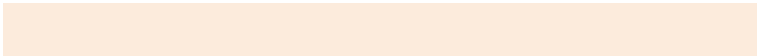
36.5546, 34.0258, 63.2432

Sweetspot

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



35.6502, 34.0274, 18.5993



83.0226, 85.6174, 79.6046



33.2888, 24.2981, 33.2462



17.8416, 18.3249, 16.5342



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.



35.6502, 34.0274, 18.5993



60.1846, 55.4771, 24.0978



43.5545, 49.8360, 21.2340



10.4655, 10.8624, 10.6069



17.3210, 12.9278, 1.5824



0.8174, 0.6966, 0.0914

Inverse Universe

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



27.0287, 29.4760, 55.3036



42.5537, 46.1630, 99.1373



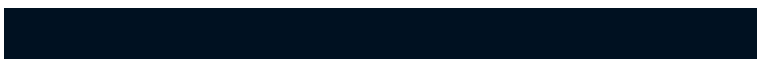
21.3664, 18.1515, 53.4162



9.9495, 10.5903, 12.8046



9.5020, 8.7606, 34.7468



0.4793, 0.5160, 1.5242

Previews

White Background



This preview shows how the XYZ color 35.6494, 34.0258, 18.5986 looks on a white background.

Color Contrast Check

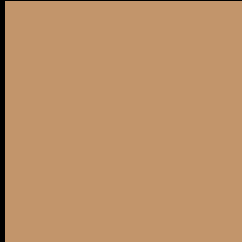
Large Text (above 18pt) WCAG AA × Fail

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 35.6494, 34.0258, 18.5986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

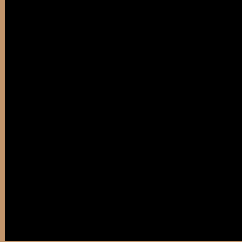
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.6494, 34.0258, 18.5986

Background



This preview shows how black text looks on a background with the XYZ color 35.6494, 34.0258, 18.5986.



This preview shows how white text looks on a background with the XYZ color 35.6494, 34.0258,

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

35.6494, 34.0258, 18.5986

Protanopia

31.6737, 34.1475, 19.9607

Deuteranopia

34.7067, 34.0136, 18.6460



Tritanopia

38.9439, 33.9838, 35.0788

Trichromacy



Original Color

35.6494, 34.0258, 18.5986

Protanomaly

33.1262, 34.1522, 19.5979

Deuteranomaly

35.0460, 33.9506, 18.6159

Tritanomaly

37.6667, 33.9273, 28.2303

Monochromacy



Original Color

35.6494, 34.0258, 18.5986

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.1761, 33.9647, 29.2334

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6494, 34.0258, 18.5986 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, 149, 107)` looks like.

```
.text, #text, p{  
    color:rgb(194, 149, 107)  
}
```

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, 149, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 149, 107) }
```

Border

The CSS property to change the border of an element to XYZ 35.6494, 34.0258, 18.5986 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, 149, 107) }
```


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

```
.border{ border-color:rgb(194, 149, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 149, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 149, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 149, 107); box-shadow:4px 4px 4px 4px rgb(194, 149, 107) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6494, 34.0258, 18.5986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 149, 107) }
```

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

```
.background{ background-color: rgb(194,  
149, 107) }
```

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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