

Converting Colors

XYZ(38.3478, 34.4027, 18.6414)

Have a look what the booklet for
XYZ(38.3478, 34.4027, 18.6414)
contains.

XYZ(38.5114, 34.5777, 18.5543)	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(38.5114, 34.5777,
18.5543)**

Conversions

Conversions Part 1

Format	Color
Hex	CF916B
RGB	207, 145, 107
RGB Percent	81%, 57%, 42%
CMY	0.1882, 0.4314, 0.5804
CMYK	0.00, 0.30, 0.48, 0.19
HSL	23°, 51%, 62%
HSV	23°, 48%, 81%
XYZ	38.5114, 34.5777, 18.5543
YIQ	159.2060, 49.1500, 1.3260

Conversions

Conversions Part 2

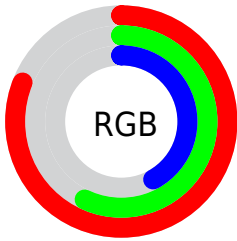
Format	Color
R_{YB}	207, 168, 107
Decimal	13603179
CIE Lab	65.42, 19.05, 29.50
CIE LCh	65, 35.110, 57.149
Yxy	34.5777, 0.4202, 0.3773
Android (android.graphics.Color)	4291793259 (0xFFCF916B)
YUV	159.2060, -25.7376, 41.9153
Hunter-Lab	58.8028, 13.9991, 22.4539

Details

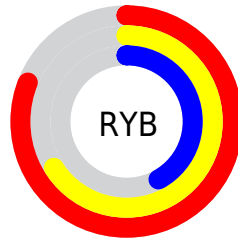
The XYZ color **38.5114, 34.5777, 18.5543** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **31.5133, 36.0053, 64.3203**, and the grayscale version is **33.1480, 34.8743, 37.9781**.

A 20% lighter version of the original color is **67.9214, 64.6101, 41.6920**, and **17.3698, 14.8052, 6.0799** is the 20% darker color. If you saturate the color by 10%, you get **35.6987, 30.4914, 12.8718**, and if you desaturate by 10%, it is **41.8081, 39.2147, 25.6848**.

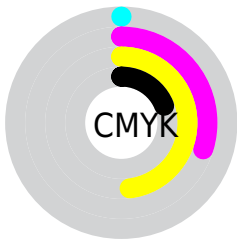
Distribution



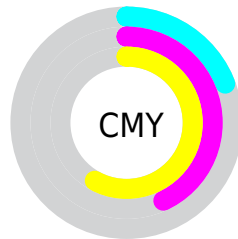
- Red (81%)
- Green (57%)
- Blue (42%)



- Red (81%)
- Yellow (66%)
- Blue (42%)



- Cyan (0%)
- Magenta (30%)
- Yellow (48%)
- Black (19%)



- Cyan (19%)
- Magenta (43%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.5114, 34.5777, 18.5543 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 38.5114, 34.5777, 18.5543 by changing the saturation by 10% instead.

38.5114, 34.5777,
18.5543

38.5114, 34.5777,
18.5543

331.0517,
322.7004, 256.3173

26.5589, 23.3378,
11.1751

72.1902, 66.8310,
41.8062

17.3771, 14.8431,
6.0691

94.6471, 88.6132,
58.5160

10.6007, 8.7093,
2.8177

121.3362,
114.6783, 79.1732

5.8643, 4.5521,
1.0023

152.6228,
145.4106, 104.1962

2.8026, 1.9869,
0.0000

188.8723,
181.1946, 134.0035

1.0503, 0.5999,
0.0000

230.4501,

0.0000, 0.0000,

222.4146, 169.0138

0.0000

277.7214,
269.4551, 209.6455

■ 38.5114, 34.5777,
18.5543

■ 38.5114, 34.5777,
18.5543

■ 35.6987, 30.4914,
12.8718

■ 41.8081, 39.2147,
25.6848

■ 33.3410, 26.9286,
8.5333

■ 45.6102, 44.4181,
34.3535

■ 31.4102, 23.8668,
5.4239


■ 49.9408, 50.2093,
44.6452


■ 29.8728, 21.2796,
3.4081

■ 54.8209, 56.6068,
56.6383


■ 28.6819, 19.1342,
2.2821


■ 60.2699, 63.6283,
70.4057

 28.5043, 18.8098,
2.1283

 66.3067, 71.2909,
86.0163

 72.9488, 79.6107,
103.5351

 77.2481, 87.4174,
107.4096

 79.5421, 92.0054,
108.1742

Harmonies

Analogous

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



42.4468, 34.5777, 26.1738



38.5114, 34.5777, 18.5543



33.3580, 34.5777, 15.8958

Triad

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



38.5114, 34.5777, 18.5543



23.9649, 34.5777, 36.2618



37.5747, 34.5777, 68.7957

Complementary

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



38.5114, 34.5777, 18.5543



31.5133, 36.0053, 64.3203

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.



32.3770, 34.5777, 73.4990



38.5114, 34.5777, 18.5543



24.8461, 34.5777, 52.0671

Square

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



38.5114, 34.5777, 18.5543



25.2554, 34.5777, 24.3103



27.7995, 34.5777, 66.7173



41.8676, 34.5777, 55.1463

Rectangle

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



38.5114, 34.5777, 18.5543



30.0415, 34.5777, 16.5929



27.7995, 34.5777, 66.7173



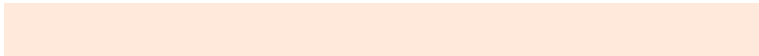
35.8603, 34.5777, 71.6081

Sweetspot

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



38.5123, 34.5794, 18.5550



83.1672, 84.5932, 79.1698



38.2773, 26.6960, 41.3314



17.4438, 17.6362, 16.0727



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.



38.5123, 34.5794, 18.5550



57.0512, 48.6278, 20.3167



47.6038, 52.7624, 21.5855



12.1717, 12.5341, 12.3898



18.0436, 12.0203, 1.3691



1.0846, 0.8234, 0.1018

Inverse Universe

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



31.5133, 36.0053, 64.3203



44.5009, 51.1029, 102.1261



24.0828, 21.1444, 61.8435



11.7652, 12.6208, 15.0596



12.0803, 12.8073, 39.0278



0.7507, 0.8666, 2.2073

Previews

White Background



This preview shows how the XYZ color 38.5114, 34.5777, 18.5543 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 38.5114, 34.5777, 18.5543 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 38.5114, 34.5777, 18.5543

Background



This preview shows how black text looks on a background with the XYZ color 38.5114, 34.5777, 18.5543.



This preview shows how white text looks on a background with the XYZ color 38.5114, 34.5777,

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

38.5114, 34.5777, 18.5543

Protanopia

32.3920, 34.7592, 20.6247

Deuteranopia

35.3156, 34.5734, 18.4477



Tritanopia

41.6016, 34.5161, 33.3238

Trichromacy



Original Color

38.5114, 34.5777, 18.5543

Protanomaly

34.4324, 34.5732, 19.8974

Deuteranomaly

36.3749, 34.4058, 18.3595

Tritanomaly

40.4063, 34.4726, 27.0785

Monochromacy



Original Color

38.5114, 34.5777, 18.5543

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

34.1937, 34.2348, 29.6167

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5114, 34.5777, 18.5543 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(207, 145, 107)` looks like.

```
.text, #text, p{  
    color:rgb(207, 145, 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(207, 145, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 145, 107) }
```

Border

The CSS property to change the border of an element to XYZ 38.5114, 34.5777, 18.5543 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(207, 145, 107) }
```


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

```
.border{ border-color:rgb(207, 145, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 145, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 145, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 145, 107);  
box-shadow:4px 4px 4px 4px rgb(207, 145,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5114, 34.5777, 18.5543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 145, 107) }
```

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

```
.background{ background-color: rgb(207,  
145, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor