

Converting Colors

XYZ(38.8082, 34.6748, 20.7920)

Have a look what the booklet for
XYZ(38.8082, 34.6748, 20.7920)
contains.

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Color

**XYZ(38.9520, 34.7540,
20.8749)**

Conversions

Conversions Part 1

Format	Color
Hex	CF9173
RGB	207, 145, 115
RGB Percent	81%, 57%, 45%
CMY	0.1882, 0.4314, 0.5490
CMYK	0.00, 0.30, 0.44, 0.19
HSL	20°, 49%, 63%
HSV	20°, 44%, 81%
XYZ	38.9520, 34.7540, 20.8749
YIQ	160.1180, 46.5820, 3.8140

Conversions

Conversions Part 2

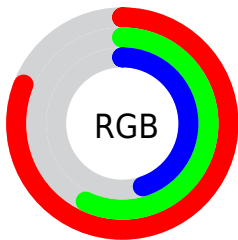
Format	Color
R_{YB}	207, 160, 115
Decimal	13603187
CIE Lab	65.56, 19.86, 25.29
CIE LCh	66, 32.154, 51.865
Yxy	34.7540, 0.4118, 0.3675
Android (android.graphics.Color)	4291793267 (0xFFCF9173)
YUV	160.1180, -22.2432, 41.1155
Hunter-Lab	58.9525, 14.7743, 20.2724

Details

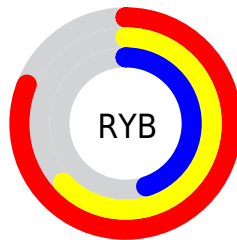
The XYZ color **38.9520, 34.7540, 20.8749** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **34.0541, 39.5924, 64.8785**, and the grayscale version is **33.5531, 35.3005, 38.4423**.

A 20% lighter version of the original color is **68.6385, 64.8969, 45.4679**, and **17.5935, 14.8947, 7.2579** is the 20% darker color. If you saturate the color by 10%, you get **35.8899, 30.3268, 14.6228**, and if you desaturate by 10%, it is **42.5451, 39.8151, 28.6242**.

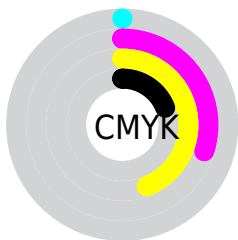
Distribution



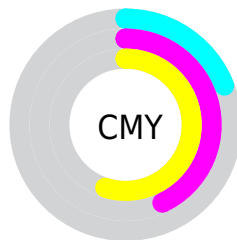
- Red (81%)
- Green (57%)
- Blue (45%)



- Red (81%)
- Yellow (63%)
- Blue (45%)



- Cyan (0%)
- Magenta (30%)
- Yellow (44%)
- Black (19%)





- Cyan (19%)
- Magenta (43%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.9520, 34.7540, 20.8749 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 38.9520, 34.7540, 20.8749 by changing the saturation by 10% instead.


 38.9520, 34.7540,
20.8749


 38.9520, 34.7540,
20.8749


332.8971,
323.4812, 269.3721


 26.9029, 23.4734,
12.8422


 72.8595, 67.1045,
45.7573

 17.6366, 14.9435,
7.1906


 95.4487, 88.9432,
63.4442

 10.7875, 8.7797,
3.5013


 122.2820,
115.0701, 85.1862

 5.9903, 4.5978,
1.3560

153.7247,
145.8696, 111.4018

 2.8798, 2.0133,
0.1070

190.1422,
181.7261, 142.5097

 1.0905, 0.6152,
0.0000

231.8998,

 0.0172, 0.0000,

223.0239, 178.9283

0.0000

279.3630,
270.1474, 221.0763

■ 0.0000, 0.0000,
0.0000

■ 38.9520, 34.7540,
20.8749

■ 38.9520, 34.7540,
20.8749

■ 35.8899, 30.3268,
14.6228

■ 42.5451, 39.8151,
28.6242

■ 33.3285, 26.5021,
9.7672

■ 46.6919, 45.5294,
37.9581

■ 31.2384, 23.2536,
6.1983


■ 51.4170, 51.9217,
48.9599


■ 29.5854, 20.5505,
3.7882


■ 56.7425, 59.0141,
61.7062


■ 28.3292, 18.3583,
2.3825

■ 62.6895, 66.8273,
76.2690

 27.7697, 17.3406,
1.8835

 69.2779, 75.3815,
92.7161

 75.7274, 84.3760,
106.9027

 79.5420, 92.0053,
108.1742

Harmonies

Analogous

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



42.1791, 34.7540, 28.9732



38.9520, 34.7540, 20.8749



34.3319, 34.7540, 17.5213

Triad

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



38.9520, 34.7540, 20.8749



24.8475, 34.7540, 34.2856



36.5247, 34.7540, 67.4075

Complementary

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



38.9520, 34.7540, 20.8749



34.0541, 39.5924, 64.8785

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.



31.7666, 34.7540, 69.7956



38.9520, 34.7540, 20.8749



25.3143, 34.7540, 48.3559

Square

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



38.9520, 34.7540, 20.8749



26.4037, 34.7540, 23.9680



27.7456, 34.7540, 62.1526



40.6875, 34.7540, 56.2414

Rectangle

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



38.9520, 34.7540, 20.8749



31.2037, 34.7540, 17.6976



27.7456, 34.7540, 62.1526



34.9317, 34.7540, 69.3551

Sweetspot

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



38.9529, 34.7557, 20.8756



83.4479, 84.6122, 80.9355



39.8854, 28.7362, 45.4939



17.4757, 17.5932, 16.4123



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.



38.9529, 34.7557, 20.8756



57.8836, 49.1374, 24.1553



47.2690, 51.3879, 23.6476



12.1191, 12.4289, 12.3723



17.5733, 11.0797, 1.2124



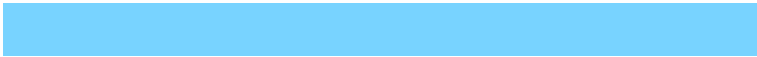
1.0544, 0.7631, 0.0917

Inverse Universe

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



34.0541, 39.5924, 64.8785



49.0499, 57.7523, 103.1699



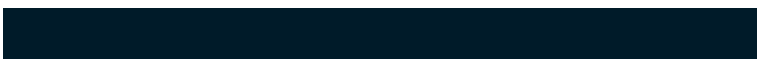
26.5662, 24.6166, 62.3825



11.8199, 12.7300, 15.0778



13.0469, 14.7405, 39.3500



0.8001, 0.9654, 2.2237

Previews

White Background



This preview shows how the XYZ color 38.9520, 34.7540, 20.8749 looks on a white background.

Color Contrast Check

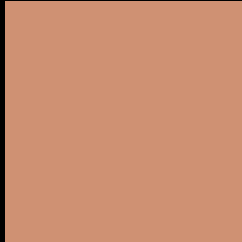
Large Text (above 18pt) WCAG AA × Fail

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 38.9520, 34.7540, 20.8749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

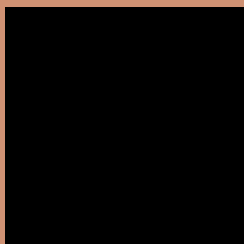
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.9520, 34.7540, 20.8749

Background



This preview shows how black text looks on a background with the XYZ color 38.9520, 34.7540, 20.8749.



This preview shows how white text looks on a background with the XYZ color 38.9520, 34.7540,

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

38.9520, 34.7540, 20.8749

Protanopia

32.6439, 34.8347, 23.0924

Deuteranopia

35.6071, 34.9219, 20.4867



Tritanopia

41.5423, 34.6922, 33.7849

Trichromacy



Original Color

38.9520, 34.7540, 20.8749

Protanomaly

34.6525, 34.6335, 22.3113

Deuteranomaly

36.7086, 34.7634, 20.6948

Tritanomaly

40.5549, 34.7363, 28.6121

Monochromacy



Original Color

38.9520, 34.7540, 20.8749

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.8868, 34.8034, 31.2646

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9520, 34.7540, 20.8749 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, 115)` looks like.

```
.text, #text, p{  
    color:rgb(207, 145, 115)  
}
```

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, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 145, 115) }
```

Border

The CSS property to change the border of an element to XYZ 38.9520, 34.7540, 20.8749 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, 115) }
```


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

```
.border{ border-color:rgb(207, 145, 115) }
```

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, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 145, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 145, 115);  
box-shadow:4px 4px 4px 4px rgb(207, 145,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9520, 34.7540, 20.8749 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, 115) }
```

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

```
.background{ background-color: rgb(207,  
145, 115) }
```

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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