

Converting Colors

XYZ(38.6628, 35.1303, 17.8405)

Have a look what the booklet for
XYZ(38.6628, 35.1303, 17.8405)
contains.

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Color

**XYZ(38.6645, 35.1323,
17.8401)**

Conversions

Conversions Part 1

Format	Color
Hex	CF9368
RGB	207, 147, 104
RGB Percent	81%, 58%, 41%
CMY	0.1882, 0.4235, 0.5922
CMYK	0.00, 0.29, 0.50, 0.19
HSL	25°, 52%, 61%
HSV	25°, 50%, 81%
XYZ	38.6645, 35.1323, 17.8401
YIQ	160.0380, 49.5630, -0.6530

Conversions

Conversions Part 2

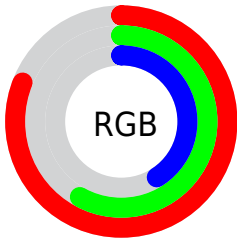
Format	Color
R _Y B	207, 178, 104
Decimal	13603688
CIE Lab	65.85, 17.67, 31.68
CIE LCh	66, 36.277, 60.853
Yxy	35.1323, 0.4219, 0.3834
Android (android.graphics.Color)	4291793768 (0xFFCF9368)
YUV	160.0380, -27.6267, 41.1857
Hunter-Lab	59.2725, 12.7118, 23.6454

Details

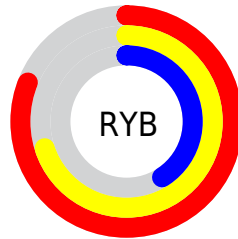
The XYZ color **38.6645, 35.1323, 17.8401** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **30.2462, 33.9974, 63.9992**, and the grayscale version is **33.5393, 35.2859, 38.4264**.

A 20% lighter version of the original color is **68.1274, 65.4336, 40.4917**, and **17.4744, 15.1353, 5.7418** is the 20% darker color. If you saturate the color by 10%, you get **35.9618, 31.2081, 12.3732**, and if you desaturate by 10%, it is **41.8236, 39.5563, 24.7330**.

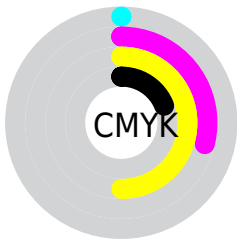
Distribution



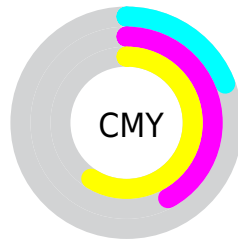
- Red (81%)
- Green (58%)
- Blue (41%)



- Red (81%)
- Yellow (70%)
- Blue (41%)



- Cyan (0%)
- Magenta (29%)
- Yellow (50%)
- Black (19%)





- Cyan (19%)
- Magenta (42%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.6645, 35.1323, 17.8401 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 38.6645, 35.1323, 17.8401 by changing the saturation by 10% instead.


 38.6645, 35.1323,
17.8401


 38.6645, 35.1323,
17.8401


331.6938,
325.1519, 252.1740


 26.6784, 23.7648,
10.6670


 72.4229, 67.6907,
40.5749


 17.4672, 15.1592,
5.7320


 94.9258, 89.6503,
56.9737

 10.6655, 8.9312,
2.6167


 121.6651,
115.9095, 77.2848

 5.9080, 4.6963,
0.9011

 153.0060,
146.8526, 101.9268

 2.8293, 2.0702,
0.0000

189.3140,
182.8640, 131.3182

 1.0642, 0.6478,
0.0000

230.9544,

 0.0000, 0.0000,

224.3281, 165.8774

0.0000

278.2925,
271.6292, 206.0232

■ 38.6645, 35.1323,
17.8401

■ 38.6645, 35.1323,
17.8401

■ 35.9618, 31.2081,
12.3732

■ 41.8236, 39.5563,
24.7330

■ 33.6876, 27.7587,
8.2269

■ 45.4595, 44.4933,
33.1428

■ 31.8145, 24.7644,
5.2845


■ 49.5943, 49.9624,
43.1550


■ 30.3099, 22.2016,
3.4071


■ 54.2481, 55.9801,
54.8484


■ 29.1203, 20.0375,
2.3472


■ 59.4395, 62.5621,
68.2963

 29.0940, 19.9893,
2.3249

 65.1863, 69.7233,
83.5677

 71.5053, 77.4783,
100.7279

 75.9715, 84.8644,
106.9841

 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.



43.0386, 35.1323, 25.0312



38.6645, 35.1323, 17.8401



33.2391, 35.1323, 15.6884

Triad

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



38.6645, 35.1323, 17.8401



24.1154, 35.1323, 38.6940



38.9582, 35.1323, 69.5782

Complementary

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



38.6645, 35.1323, 17.8401



30.2462, 33.9974, 63.9992

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.



33.5458, 35.1323, 75.9809



38.6645, 35.1323, 17.8401



25.3070, 35.1323, 55.4639

Square

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



38.6645, 35.1323, 17.8401



25.1797, 35.1323, 25.6090



28.6224, 35.1323, 70.2348



43.2205, 35.1323, 54.4950

Rectangle

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



38.6645, 35.1323, 17.8401



29.8581, 35.1323, 16.7776



28.6224, 35.1323, 70.2348



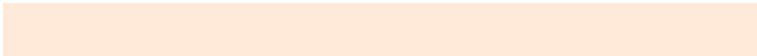
37.1948, 35.1323, 72.9732

Sweetspot

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



38.6654, 35.1340, 17.8408



82.7917, 84.3763, 77.3979



37.3909, 25.8496, 38.1804



17.3860, 17.6257, 15.7294



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.



38.6654, 35.1340, 17.8408



57.2529, 49.4485, 19.0973



48.5202, 54.8436, 21.1257



12.2085, 12.6077, 12.4021



18.4194, 12.7719, 1.4944



1.1075, 0.8693, 0.1094

Inverse Universe

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



30.2462, 33.9974, 63.9992



42.1863, 47.3583, 101.5254



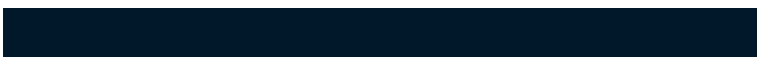
22.8304, 19.1659, 61.5273



11.7275, 12.5452, 15.0470



11.4664, 11.5795, 38.8232



0.7186, 0.8023, 2.1966

Previews

White Background



This preview shows how the XYZ color 38.6645, 35.1323, 17.8401 looks on a white background.

Color Contrast Check

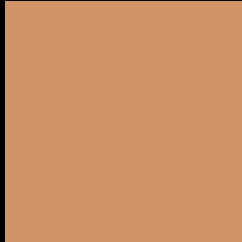
Large Text (above 18pt) WCAG AA × Fail

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 38.6645, 35.1323, 17.8401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

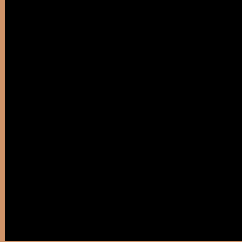
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.6645, 35.1323, 17.8401

Background



This preview shows how black text looks on a background with the XYZ color 38.6645, 35.1323, 17.8401.



This preview shows how white text looks on a background with the XYZ color 38.6645, 35.1323,

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

38.6645, 35.1323, 17.8401

Protanopia

32.7867, 35.2444, 19.5428

Deuteranopia

35.8317, 35.0992, 17.7182



Tritanopia

42.0563, 35.1656, 34.2768

Trichromacy



Original Color

38.6645, 35.1323, 17.8401

Protanomaly

34.6249, 34.9433, 18.8297

Deuteranomaly

36.8035, 35.1183, 17.6707

Tritanomaly

40.7740, 35.0958, 27.5468

Monochromacy



Original Color

38.6645, 35.1323, 17.8401

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.5864, 34.6833, 29.6826

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.6645, 35.1323, 17.8401 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, 147, 104)` looks like.

```
.text, #text, p{  
    color:rgb(207, 147, 104)  
}
```

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, 147, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 147, 104) }
```

Border

The CSS property to change the border of an element to XYZ 38.6645, 35.1323, 17.8401 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, 147, 104) }
```


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

```
.border{ border-color:rgb(207, 147, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 147, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 147, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 147, 104);  
box-shadow:4px 4px 4px 4px rgb(207, 147,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6645, 35.1323, 17.8401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 147, 104) }
```

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

```
.background{ background-color: rgb(207,  
147, 104) }
```

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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