

Converting Colors

XYZ(38.0150, 32.8108, 21.3861)

Have a look what the booklet for
XYZ(38.0150, 32.8108, 21.3861)
contains.

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Color

**XYZ(38.0906, 32.7504,
21.4534)**

Conversions

Conversions Part 1

Format	Color
Hex	CF8A76
RGB	207, 138, 118
RGB Percent	81%, 54%, 46%
CMY	0.1882, 0.4588, 0.5373
CMYK	0.00, 0.33, 0.43, 0.19
HSL	13°, 48%, 64%
HSV	13°, 43%, 81%
XYZ	38.0906, 32.7504, 21.4534
YIQ	156.3510, 47.5440, 8.4080

Conversions

Conversions Part 2

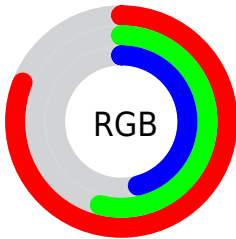
Format	Color
R_{YB}	207, 144, 118
Decimal	13601398
CIE _{Lab}	63.96, 23.99, 21.48
CIE _{LCh}	64, 32.199, 41.844
Yxy	32.7504, 0.4127, 0.3548
Android (android.graphics.Color)	4291791478 (0xFFCF8A76)
YUV	156.3510, -18.9070, 44.4192
Hunter-Lab	57.2280, 18.6596, 17.8332

Details

The XYZ color **38.0906, 32.7504, 21.4534** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.5031, 43.8952, 65.5800**, and the grayscale version is **31.8245, 33.4819, 36.4618**.

A 20% lighter version of the original color is **67.3453, 61.8616, 46.4212**, and **17.0914, 13.7426, 7.5461** is the 20% darker color. If you saturate the color by 10%, you get **34.8582, 28.0430, 14.9586**, and if you desaturate by 10%, it is **41.9348, 38.2494, 29.4844**.

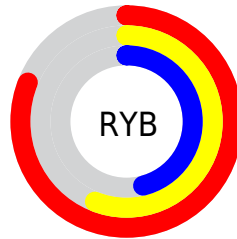
Distribution



Red (81%)

Green (54%)

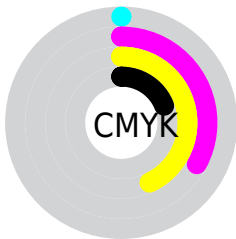
Blue (46%)



Red (81%)

Yellow (56%)

Blue (46%)

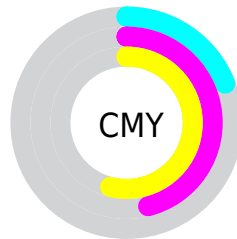


Cyan (0%)

Magenta (33%)

Yellow (43%)

Black (19%)



Cyan (19%)


Magenta (46%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.0906, 32.7504, 21.4534 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 38.0906, 32.7504, 21.4534 by changing the saturation by 10% instead.


 38.0906, 32.7504,
21.4534


 38.0906, 32.7504,
21.4534


329.2826,
314.5235, 272.5381

 26.2305, 21.9353,
13.2614

 71.5500, 63.9856,
46.7315

 17.1298, 13.8094,
7.4759


 93.8800, 85.1746,
64.6545

 10.4229, 7.9882,
3.6786


 120.4308,
110.5903, 86.6584

 5.7447, 4.0874,
1.4507

151.5676,
140.6171, 113.1616

 2.7296, 1.7226,
0.1808

187.6558,
175.6394, 144.5826

 1.0125, 0.4382,
0.0000

229.0608,

 0.0000, 0.0000,

216.0417, 181.3400

0.0000

276.1480,
262.2082, 223.8523

■ 38.0906, 32.7504,
21.4534

■ 38.0906, 32.7504,
21.4534

■ 34.8582, 28.0430,
14.9586

■ 41.9348, 38.2494,
29.4844

■ 32.2025, 24.0854,
9.8993

■ 46.4184, 44.5695,
39.1399

■ 30.0882, 20.8394,
6.1653


■ 51.5705, 51.7446,
50.5037


■ 28.4750, 18.2611,
3.6298


■ 57.4174, 59.8054,
63.6531


■ 27.3162, 16.3014,
2.1403

■ 63.9841, 68.7807,
78.6608

 26.7298, 15.2609,
1.5368

 71.2943, 78.6983,
95.5954

 78.0721, 89.0654,
107.6842

 79.5420, 92.0054,
108.1742

Harmonies

Analogous

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



40.4716, 32.7504, 30.7732



38.0906, 32.7504, 21.4534



33.9268, 32.7504, 16.7967

Triad

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



38.0906, 32.7504, 21.4534



23.5523, 32.7504, 28.4266



32.9535, 32.7504, 66.1301

Complementary

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



38.0906, 32.7504, 21.4534



36.5031, 43.8952, 65.5800

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.



28.4880, 32.7504, 65.0610



38.0906, 32.7504, 21.4534



23.3464, 32.7504, 41.0377

Square

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



38.0906, 32.7504, 21.4534



25.6633, 32.7504, 20.0965



25.0707, 32.7504, 55.0601



37.3187, 32.7504, 57.7003

Rectangle

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



38.0906, 32.7504, 21.4534



30.8484, 32.7504, 16.0624



25.0707, 32.7504, 55.0601



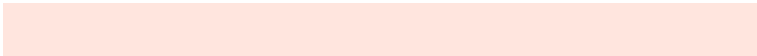
31.4098, 32.7504, 66.9166

Sweetspot

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



38.0914, 32.7520, 21.4540



82.5075, 82.7314, 80.6220



41.2572, 29.8411, 51.0024



17.2457, 17.1332, 16.3356



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.



38.0914, 32.7520, 21.4540



56.0393, 45.1982, 24.3131



45.6857, 47.9406, 23.9855



12.0212, 12.2331, 12.3397



16.9001, 9.7332, 0.9880



1.0060, 0.6664, 0.0756

Inverse Universe

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



36.5031, 43.8952, 65.5800



53.1107, 65.3427, 104.4209



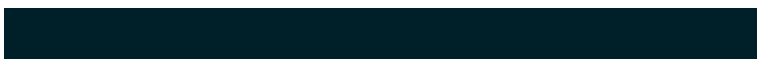
28.5889, 28.0669, 62.9419



11.9236, 12.9375, 15.1124



15.1412, 18.9290, 40.0481



0.9033, 1.1719, 2.2581

Previews

White Background



This preview shows how the XYZ color 38.0906, 32.7504, 21.4534 looks on a white background.

Color Contrast Check

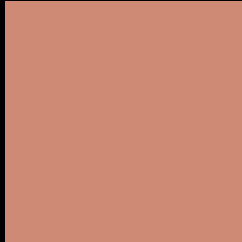
Large Text (above 18pt) WCAG AA × Fail

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 38.0906, 32.7504, 21.4534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

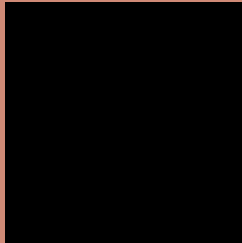
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.0906, 32.7504, 21.4534

Background



This preview shows how black text looks on a background with the XYZ color 38.0906, 32.7504, 21.4534.



This preview shows how white text looks on a background with the XYZ color 38.0906, 32.7504,

21.4534.

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

38.0906, 32.7504, 21.4534

Protanopia

31.0043, 32.9484, 24.4642

Deuteranopia

33.4283, 32.8231, 21.0966



Tritanopia

39.8536, 32.6191, 30.5812

Trichromacy



Original Color

38.0906, 32.7504, 21.4534

Protanomaly

33.1450, 32.6283, 23.2898

Deuteranomaly

35.0745, 32.7416, 21.3008

Tritanomaly

39.0496, 32.4871, 27.1342

Monochromacy



Original Color

38.0906, 32.7504, 21.4534

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

33.3091, 32.5618, 30.1207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0906, 32.7504, 21.4534 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, 138, 118)` looks like.

```
.text, #text, p{  
    color:rgb(207, 138, 118)  
}
```

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, 138, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 138, 118) }
```

Border

The CSS property to change the border of an element to XYZ 38.0906, 32.7504, 21.4534 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, 138, 118) }
```


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

```
.border{ border-color:rgb(207, 138, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 138, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 138, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 138, 118);  
box-shadow:4px 4px 4px 4px rgb(207, 138,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0906, 32.7504, 21.4534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 138, 118) }
```

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

```
.background{ background-color: rgb(207,  
138, 118) }
```

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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