

Converting Colors

XYZ(38.1253, 33.2091, 24.3020)

Have a look what the booklet for
XYZ(38.1253, 33.2091, 24.3020)
contains.

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Color

**XYZ(38.0458, 33.0999,
24.1223)**

Conversions

Conversions Part 1

Format	Color
Hex	CC8C7E
RGB	204, 140, 126
RGB Percent	80%, 55%, 49%
CMY	0.2000, 0.4510, 0.5059
CMYK	0.00, 0.31, 0.38, 0.20
HSL	11°, 43%, 65%
HSV	11°, 38%, 80%
XYZ	38.0458, 33.0999, 24.1223
YIQ	157.5400, 42.6380, 9.2140

Conversions

Conversions Part 2

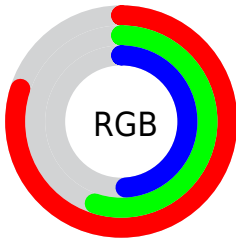
Format	Color
R_{YB}	204, 143, 126
Decimal	13405310
CIE _{Lab}	64.24, 22.62, 17.33
CIE _{LCh}	64, 28.496, 37.456
Yxy	33.0999, 0.3994, 0.3474
Android (android.graphics.Color)	4291595390 (0xFFCC8C7E)
YUV	157.5400, -15.5492, 40.7454
Hunter-Lab	57.5325, 17.3588, 15.4136

Details

The XYZ color **38.0458, 33.0999, 24.1223** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.9159, 45.6203, 63.9339**, and the grayscale version is **32.3465, 34.0310, 37.0598**.

A 20% lighter version of the original color is **68.6685, 63.0982, 51.2078**, and **17.1247, 13.9765, 8.8163** is the 20% darker color. If you saturate the color by 10%, you get **34.5989, 28.1022, 17.1278**, and if you desaturate by 10%, it is **42.1349, 38.9521, 32.6557**.

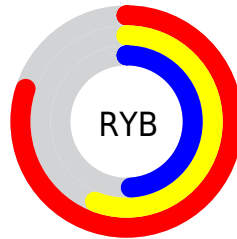
Distribution



Red (80%)

Green (55%)

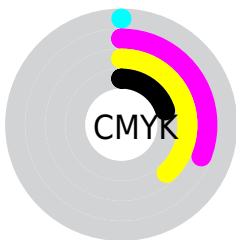
Blue (49%)



Red (80%)

Yellow (56%)

Blue (49%)

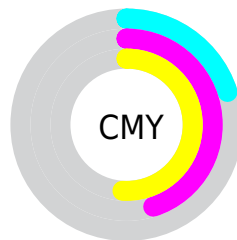


Cyan (0%)

Magenta (31%)

Yellow (38%)

Black (20%)



Cyan (20%)


Magenta (45%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.0458, 33.0999, 24.1223 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 38.0458, 33.0999, 24.1223 by changing the saturation by 10% instead.


 38.0458, 33.0999,
24.1223


 38.0458, 33.0999,
24.1223


329.0939,
316.0996, 286.7447

 26.1956, 22.2030,
15.2113


 71.4818, 64.5315,
51.1760

 17.1035, 14.0061,
8.8196


 93.7983, 85.8349,
70.1559

 10.4041, 8.1249,
4.5285


 120.3343,
111.3760, 93.3291

 5.7320, 4.1750,
1.9195

151.4551,
141.5391, 121.1142

 2.7219, 1.7719,
0.5051

187.5261,
176.7086, 153.9298

 1.0085, 0.4696,
0.0000

228.9127,

 0.0000, 0.0000,

217.2689, 192.1944

0.0000

275.9801,
263.6045, 236.3265

■ 38.0458, 33.0999,
24.1223

■ 38.0458, 33.0999,
24.1223

■ 34.5989, 28.1022,
17.1278

■ 42.1349, 38.9521,
32.6557

■ 31.7584, 23.9143,
11.5783

■ 46.8942, 45.6916,
42.8106

■ 29.4890, 20.4943,
7.3724

■ 52.3535, 53.3549,
54.6658

■ 27.7503, 17.7948,
4.3947

■ 58.5397, 61.9754,
68.2945

■ 26.4964, 15.7627,
2.5102

■ 65.4784, 71.5846,
83.7656

■ 25.6663, 14.3348,
1.5175

■ 73.1939, 82.2126,
101.1443

■ 25.5519, 14.1374,
1.3821

■ 78.7118, 91.5774,
108.1354

Harmonies

Analogous

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



39.8178, 33.0999, 33.2269



38.0458, 33.0999, 24.1223



34.5369, 33.0999, 19.1366

Triad

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



38.0458, 33.0999, 24.1223



24.8112, 33.0999, 28.1584



32.4803, 33.0999, 62.9388

Complementary

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



38.0458, 33.0999, 24.1223



37.9159, 45.6203, 63.9339

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.



28.5723, 33.0999, 60.7694



38.0458, 33.0999, 24.1223



24.3629, 33.0999, 39.0079

Square

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



38.0458, 33.0999, 24.1223



26.9644, 33.0999, 21.0947



25.6826, 33.0999, 51.3510



36.4304, 33.0999, 56.7668

Rectangle

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



38.0458, 33.0999, 24.1223



31.8069, 33.0999, 18.0561



25.6826, 33.0999, 51.3510



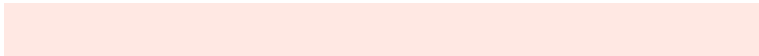
31.1165, 33.0999, 63.1803

Sweetspot

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



38.0467, 33.1015, 24.1230



83.9510, 84.5088, 84.5240



41.7668, 31.5209, 53.1731



17.6983, 17.7089, 17.5026



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.



38.0467, 33.1015, 24.1230



58.1628, 47.8004, 30.0919



44.5882, 46.1846, 26.3035



11.3725, 11.5340, 11.7063



16.1317, 8.9964, 0.8862



0.8831, 0.5659, 0.0627

Inverse Universe

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



37.9159, 45.6203, 63.9339



57.8872, 71.4087, 105.3400



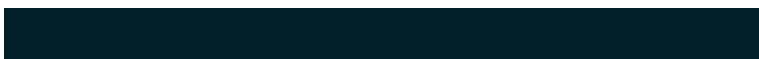
30.7317, 31.2520, 61.5392



11.3653, 12.3711, 14.3592



15.6628, 20.3495, 39.0586



0.8539, 1.1416, 2.0303

Previews

White Background



This preview shows how the XYZ color 38.0458, 33.0999, 24.1223 looks on a white background.

Color Contrast Check

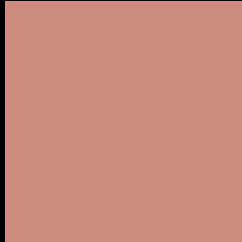
Large Text (above 18pt) WCAG AA × Fail

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 38.0458, 33.0999, 24.1223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

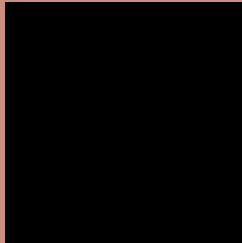
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.0458, 33.0999, 24.1223

Background



This preview shows how black text looks on a background with the XYZ color 38.0458, 33.0999, 24.1223.



This preview shows how white text looks on a background with the XYZ color 38.0458, 33.0999,

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

38.0458, 33.0999, 24.1223

Protanopia

31.5014, 33.3907, 27.3390

Deuteranopia

33.8358, 33.2130, 23.6962



Tritanopia

39.6657, 33.1197, 31.9059

Trichromacy



Original Color

38.0458, 33.0999, 24.1223

Protanomaly

33.5935, 33.0351, 26.0786

Deuteranomaly

35.2158, 32.9856, 23.9128

Tritanomaly

38.9255, 33.0202, 28.7480

Monochromacy



Original Color

38.0458, 33.0999, 24.1223

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.9341, 33.3225, 31.8375

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0458, 33.0999, 24.1223 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(204, 140, 126)` looks like.

```
.text, #text, p{  
    color:rgb(204, 140, 126)  
}
```

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(204, 140, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 140, 126) }
```

Border

The CSS property to change the border of an element to XYZ 38.0458, 33.0999, 24.1223 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(204, 140, 126) }
```


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

```
.border{ border-color:rgb(204, 140, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 140, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 140, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 140, 126);  
box-shadow:4px 4px 4px 4px rgb(204, 140,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0458, 33.0999, 24.1223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 140, 126) }
```

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

```
.background{ background-color: rgb(204,  
140, 126) }
```

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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