

Converting Colors

XYZ(38.5477, 33.4639, 29.6331)

Have a look what the booklet for
XYZ(38.5477, 33.4639, 29.6331)
contains.

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Color

**XYZ(38.4200, 33.3903,
29.6193)**

Conversions

Conversions Part 1

Format	Color
Hex	C98D8D
RGB	201, 141, 141
RGB Percent	79%, 55%, 55%
CMY	0.2118, 0.4470, 0.4471
CMYK	0.00, 0.30, 0.30, 0.21
HSL	0°, 36%, 67%
HSV	0°, 30%, 79%
XYZ	38.4200, 33.3903, 29.6193
YIQ	158.9400, 35.7600, 12.7200

Conversions

Conversions Part 2

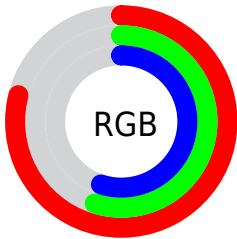
Format	Color
RYB	201, 141, 141
Decimal	13208973
CIELab	64.48, 22.82, 9.16
CIElCh	64, 24.587, 21.878
Yxy	33.3903, 0.3788, 0.3292
Android (android.graphics.Color)	4291399053 (0xFFC98D8D)
YUV	158.9400, -8.8444, 36.8866
Hunter-Lab	57.7843, 17.5596, 10.0580

Details

The XYZ color **38.4200, 33.3903, 29.6193** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.4132, 51.6515, 62.9929**, and the grayscale version is **32.9557, 34.6719, 37.7577**.

A 20% lighter version of the original color is **70.6054, 64.2303, 60.3061**, and **17.2215, 14.0874, 11.7090** is the 20% darker color. If you saturate the color by 10%, you get **34.3586, 27.4476, 21.5443**, and if you desaturate by 10%, it is **43.2924, 40.5203, 39.3044**.

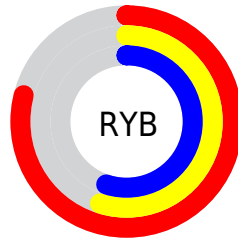
Distribution



Red (79%)

Green (55%)

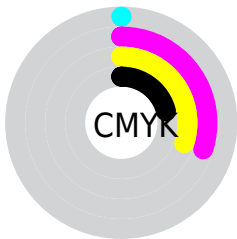
Blue (55%)



Red (79%)

Yellow (55%)

Blue (55%)

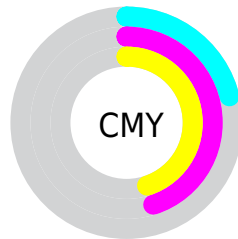


Cyan (0%)

Magenta (30%)

Yellow (30%)

Black (21%)



Cyan (21%)


Magenta (45%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.4200, 33.3903, 29.6193 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 38.4200, 33.3903, 29.6193 by changing the saturation by 10% instead.


 38.4200, 33.3903,
29.6193


 38.4200, 33.3903,
29.6193


330.6680,
317.4048, 314.2778


 26.4875, 22.4256,
19.3002


 72.0512, 64.9844,
60.1135

 17.3233, 14.1700,
11.7084


 94.4806, 86.3826,
81.1256

 10.5620, 8.2390,
6.4253


 121.1397,
112.0274, 106.5392

 5.8382, 4.2482,
3.0324

152.3939,
142.3033, 136.7728

 2.7867, 1.8134,
1.1112

188.6084,
177.5946, 172.2449

 1.0420, 0.4955,
0.0000

230.1487,

 0.0000, 0.0000,

218.2856, 213.3741

0.0000

277.3801,
264.7609, 260.5789

■ 38.4200, 33.3903,
29.6193

■ 38.4200, 33.3903,
29.6193

■ 34.3586, 27.4476,
21.5443

■ 43.2924, 40.5203,
39.3044

■ 31.0617, 22.6233,
14.9904

■ 49.0137, 48.8921,
50.6781

■ 28.4823, 18.8488,
9.8629

■ 55.6225, 58.5626,
63.8163

■ 26.5671, 16.0462,
6.0557

■ 63.1543, 69.5837,
78.7896

■ 25.2552, 14.1265,
3.4480

■ 71.6428, 82.0046,
95.6646

■ 24.4749, 12.9845,
1.8970

■ 77.8975, 91.1576,
108.0973

■ 24.0926, 12.4250,
1.1371

■ 24.0876, 12.4178,
1.1273

Harmonies

Analogous

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



38.8972, 33.3903, 39.1558



38.4200, 33.3903, 29.6193



36.0876, 33.3903, 23.1725

Triad

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



38.4200, 33.3903, 29.6193



26.7179, 33.3903, 25.6825



30.7926, 33.3903, 59.0429

Complementary

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



38.4200, 33.3903, 29.6193



42.4132, 51.6515, 62.9929

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.



27.7500, 33.3903, 53.7796



38.4200, 33.3903, 29.6193



25.5134, 33.3903, 33.6937

Square

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



38.4200, 33.3903, 29.6193



29.2875, 33.3903, 21.2085



25.8768, 33.3903, 44.0446



34.3183, 33.3903, 57.4029

Rectangle

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



38.4200, 33.3903, 29.6193



33.8821, 33.3903, 20.9074



25.8768, 33.3903, 44.0446



29.6834, 33.3903, 57.9925

Sweetspot

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



38.4209, 33.3919, 29.6200



84.6837, 84.8313, 88.2919



44.1552, 35.6847, 59.8192



17.7929, 17.6702, 18.2363



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.



38.4209, 33.3919, 29.6200



61.0026, 50.1791, 41.2147



43.4583, 43.4668, 31.2991



10.6340, 10.6371, 11.0554



15.1454, 7.8079, 0.7088



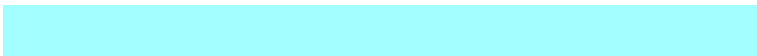
0.7172, 0.3697, 0.0336

Inverse Universe

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



42.4132, 51.6515, 62.9929



68.9533, 86.5438, 107.6781



36.0904, 39.0060, 60.8853



10.9467, 12.0675, 13.6698



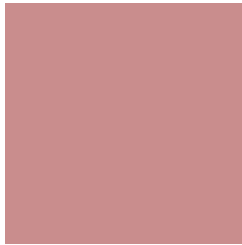
19.7596, 28.9132, 39.2837



0.9356, 1.3691, 1.8601

Previews

White Background



This preview shows how the XYZ color 38.4200, 33.3903, 29.6193 looks on a white background.

Color Contrast Check

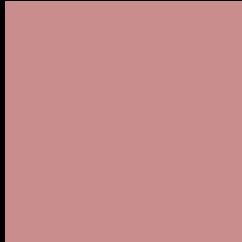
Large Text (above 18pt) WCAG AA × Fail

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 38.4200, 33.3903, 29.6193 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 38.4200, 33.3903, 29.6193

Background



This preview shows how black text looks on a background with the XYZ color 38.4200, 33.3903, 29.6193.



This preview shows how white text looks on a background with the XYZ color 38.4200, 33.3903,

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

38.4200, 33.3903, 29.6193

Protanopia

32.0112, 33.5239, 33.2174

Deuteranopia

34.0869, 33.4623, 29.0884



Tritanopia

39.2402, 33.5147, 33.2550

Trichromacy



Original Color

38.4200, 33.3903, 29.6193

Protanomaly

34.1594, 33.4386, 31.8480

Deuteranomaly

35.4170, 33.2000, 29.3525

Tritanomaly

39.0017, 33.4193, 31.9987

Monochromacy



Original Color

38.4200, 33.3903, 29.6193

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

34.3513, 33.7221, 34.4043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4200, 33.3903, 29.6193 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(201, 141, 141)` looks like.

```
.text, #text, p{  
    color:rgb(201, 141, 141)  
}
```

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(201, 141, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 141, 141) }
```

Border

The CSS property to change the border of an element to XYZ 38.4200, 33.3903, 29.6193 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(201, 141, 141) }
```


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

```
.border{ border-color:rgb(201, 141, 141) }
```

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

Here you see how a box with a 4 pixel rgb(201, 141, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 141, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 141, 141);  
box-shadow:4px 4px 4px 4px rgb(201, 141,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4200, 33.3903, 29.6193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 141, 141) }
```

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

```
.background{ background-color: rgb(201,  
141, 141) }
```

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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