

Converting Colors

XYZ(38.4639, 32.8783, 30.5926)

Have a look what the booklet for
XYZ(38.4639, 32.8783, 30.5926)
contains.

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Color

**XYZ(38.6238, 33.0354,
30.7263)**

Conversions

Conversions Part 1

Format	Color
Hex	CA8B90
RGB	202, 139, 144
RGB Percent	79%, 55%, 56%
CMY	0.2078, 0.4549, 0.4353
CMYK	0.00, 0.31, 0.29, 0.21
HSL	355°, 37%, 67%
HSV	355°, 31%, 79%
XYZ	38.6238, 33.0354, 30.7263
YIQ	158.4070, 35.9430, 14.9110

Conversions

Conversions Part 2

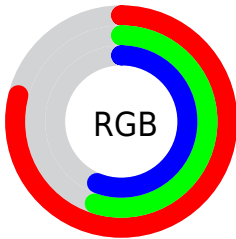
Format	Color
R _Y B	202, 139, 144
Decimal	13274000
CIE Lab	64.19, 24.70, 7.07
CIE LCh	64, 25.695, 15.980
Yxy	33.0354, 0.3772, 0.3227
Android (android.graphics.Color)	4291464080 (0xFFCA8B90)
YUV	158.4070, -7.1027, 38.2311
Hunter-Lab	57.4764, 19.3671, 8.5377

Details

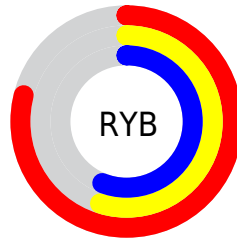
The XYZ color **38.6238, 33.0354, 30.7263** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.8475, 51.7621, 60.6115**, and the grayscale version is **32.7048, 34.4080, 37.4704**.

A 20% lighter version of the original color is **70.5030, 63.4771, 61.9625**, and **17.3642, 13.8986, 12.3572** is the 20% darker color. If you saturate the color by 10%, you get **34.6583, 27.1949, 22.9597**, and if you desaturate by 10%, it is **43.3656, 40.0535, 39.9077**.

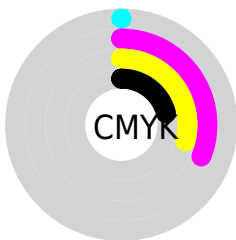
Distribution



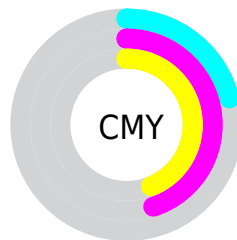
- Red (79%)
- Green (55%)
- Blue (56%)



- Red (79%)
- Yellow (55%)
- Blue (56%)



- Cyan (0%)
- Magenta (31%)
- Yellow (29%)
- Black (21%)





- Cyan (21%)
- Magenta (45%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.6238, 33.0354, 30.7263 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 38.6238, 33.0354, 30.7263 by changing the saturation by 10% instead.


 38.6238, 33.0354,
30.7263


 38.6238, 33.0354,
30.7263


331.5232,
315.8092, 319.5875


 26.6466, 22.1536,
20.1338


 72.3610, 64.4308,
61.8834

 17.4432, 13.9698,
12.3073


 94.8517, 85.7131,
83.2851

 10.6482, 8.0997,
6.8283


 121.5777,
111.2311, 109.1270

 5.8964, 4.1588,
3.2781

152.9042,
141.3691, 139.8275

 2.8222, 1.7628,
1.2383

189.1967,
176.5115, 175.8053

 1.0605, 0.4638,
0.0104

230.8204,

 0.0000, 0.0000,

217.0428, 217.4789

0.0000

278.1408,
263.3472, 265.2667

■ 38.6238, 33.0354,
30.7263

■ 38.6238, 33.0354,
30.7263

■ 34.6583, 27.1949,
22.9597

■ 43.3656, 40.0535,
39.9077

■ 31.4253, 22.4631,
16.5356

■ 48.9194, 48.3038,
50.5674

■ 28.8805, 18.7711,
11.3785

■ 55.3216, 57.8431,
62.7672

■ 26.9738, 16.0407,
7.4043

■ 62.6058, 68.7234,
76.5650

■ 25.6483, 14.1823,
4.5188

■ 70.8037, 80.9938,
92.0157

■ 24.8367, 13.0895,
2.6136

■ 78.1672, 91.2966,
108.1099

■ 24.4509, 12.5941,
1.6332

Harmonies

Analogous

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



38.6950, 33.0354, 41.0504



38.6238, 33.0354, 30.7263



36.5211, 33.0354, 23.3898

Triad

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



38.6238, 33.0354, 30.7263



26.6279, 33.0354, 23.7559



29.7331, 33.0354, 59.1471

Complementary

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



38.6238, 33.0354, 30.7263



41.8475, 51.7621, 60.6115

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.



26.7800, 33.0354, 52.4048



38.6238, 33.0354, 30.7263



25.0833, 33.0354, 31.3269

Square

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



38.6238, 33.0354, 30.7263



29.5105, 33.0354, 19.9294



25.1368, 33.0354, 41.7786



33.3668, 33.0354, 58.9000

Rectangle

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



38.6238, 33.0354, 30.7263



34.3367, 33.0354, 20.5852



25.1368, 33.0354, 41.7786



28.6341, 33.0354, 57.5740

Sweetspot

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



38.6247, 33.0370, 30.7270



84.9433, 84.9344, 89.6610



42.8548, 34.5677, 60.2909



17.8561, 17.6954, 18.5698



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.



38.6247, 33.0370, 30.7270



61.0040, 49.4597, 43.4419



42.5186, 41.4225, 30.1824



11.2478, 11.2279, 11.8397



15.7471, 8.1094, 1.1210



0.8252, 0.4235, 0.1254

Inverse Universe

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



38.6247, 33.0370, 30.7270



61.0040, 49.4597, 43.4419



36.7858, 40.7073, 61.7958



11.2478, 11.2279, 11.8397



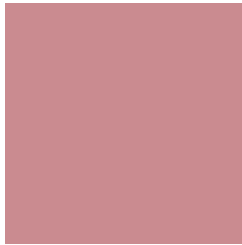
15.7471, 8.1094, 1.1210



0.8252, 0.4235, 0.1254

Previews

White Background



This preview shows how the XYZ color 38.6238, 33.0354, 30.7263 looks on a white background.

Color Contrast Check

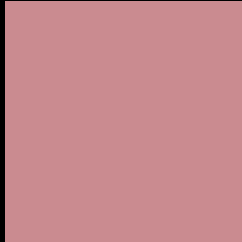
Large Text (above 18pt) WCAG AA × Fail

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 38.6238, 33.0354, 30.7263 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 38.6238, 33.0354, 30.7263

Background



This preview shows how black text looks on a background with the XYZ color 38.6238, 33.0354, 30.7263.



This preview shows how white text looks on a background with the XYZ color 38.6238, 33.0354,

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

38.6238, 33.0354, 30.7263

Protanopia

31.7692, 33.1135, 34.8541

Deuteranopia

33.6933, 32.9958, 30.1842



Tritanopia

38.8704, 32.9034, 32.7361

Trichromacy



Original Color

38.6238, 33.0354, 30.7263

Protanomaly

33.9317, 32.8109, 33.3989

Deuteranomaly

35.2444, 32.8552, 30.4707

Tritanomaly

38.7121, 32.8401, 31.9022

Monochromacy



Original Color

38.6238, 33.0354, 30.7263

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

34.2719, 33.4318, 34.7836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.6238, 33.0354, 30.7263 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(202, 139, 144)` looks like.

```
.text, #text, p{  
    color:rgb(202, 139, 144)  
}
```

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(202, 139, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 139, 144) }
```

Border

The CSS property to change the border of an element to XYZ 38.6238, 33.0354, 30.7263 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(202, 139, 144) }
```


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

```
.border{ border-color:rgb(202, 139, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 139, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 139, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 139, 144);  
box-shadow:4px 4px 4px 4px rgb(202, 139,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6238, 33.0354, 30.7263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 139, 144) }
```

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

```
.background{ background-color: rgb(202,  
139, 144) }
```

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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