

Converting Colors

XYZ(38.6940, 34.0253, 39.6294)

Have a look what the booklet for
XYZ(38.6940, 34.0253, 39.6294)
contains.

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Color

**XYZ(38.6664, 33.9643,
39.6398)**

Conversions

Conversions Part 1

Format	Color
Hex	C190A4
RGB	193, 144, 164
RGB Percent	76%, 56%, 64%
CMY	0.2431, 0.4353, 0.3569
CMYK	0.00, 0.25, 0.15, 0.24
HSL	336°, 28%, 66%
HSV	336°, 25%, 76%
XYZ	38.6664, 33.9643, 39.6398
YIQ	160.9310, 22.7840, 16.6080

Conversions

Conversions Part 2

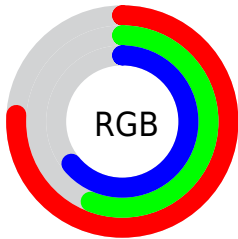
Format	Color
R_{YB}	193, 144, 164
Decimal	12685476
CIE _{Lab}	64.93, 21.63, -3.27
CIE _{LCh}	65, 21.874, 351.411
Yxy	33.9643, 0.3444, 0.3025
Android (android.graphics.Color)	4290875556 (0xFFC190A4)
YUV	160.9310, 1.5130, 28.1245
Hunter-Lab	58.2789, 16.4416, 0.4677

Details

The XYZ color **38.6664, 33.9643, 39.6398** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.1158, 47.0872, 46.6172**, and the grayscale version is **33.8308, 35.5927, 38.7604**.

A 20% lighter version of the original color is **72.4046, 65.8266, 75.9075**, and **17.4864, 14.4875, 17.2040** is the 20% darker color. If you saturate the color by 10%, you get **35.0037, 28.2161, 33.5558**, and if you desaturate by 10%, it is **42.9235, 40.7521, 46.3799**.

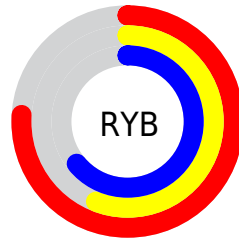
Distribution



Red (76%)

Green (56%)

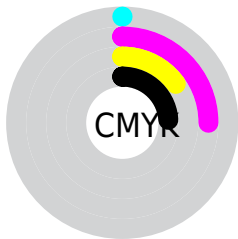
Blue (64%)



Red (76%)

Yellow (56%)

Blue (64%)

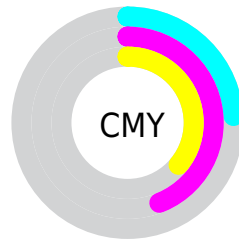


Cyan (0%)

Magenta (25%)

Yellow (15%)

Black (24%)



Cyan (24%)


Magenta (44%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.6664, 33.9643, 39.6398 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 38.6664, 33.9643, 39.6398 by changing the saturation by 10% instead.


 38.6664, 33.9643,
39.6398

 38.6664, 33.9643,
39.6398

331.7017,
319.9728, 360.1099

 26.6799, 22.8662,
26.9462


 72.4258, 65.8781,
75.8458

 17.4683, 14.4947,
17.3007


 94.9293, 87.4627,
100.1952

 10.6663, 8.4655,
10.2849


121.6692,
113.3114, 129.2670

 5.9085, 4.3943,
5.4802

153.0108,
143.8088, 163.4796

 2.8297, 1.8965,
2.4681

189.3195,
179.3393, 203.2517

 1.0643, 0.5462,
0.8232

230.9607,

 0.0000, 0.0000,

220.2872, 249.0017

0.0000

278.2996,
267.0369, 301.1483

■ 38.6664, 33.9643,
39.6398

■ 38.6664, 33.9643,
39.6398

■ 35.0037, 28.2161,
33.5558

■ 42.9235, 40.7521,
46.3799

■ 31.9046, 23.4510,
28.1045

■ 47.7979, 48.6230,
53.7942

■ 29.3398, 19.6143,
23.2642

■ 53.3150, 57.6237,
61.9025

■ 27.2764, 16.6440,
19.0106

■ 59.4978, 67.7966,
70.7233

■ 25.6770, 14.4702,
15.3178

■ 66.3682, 79.1822,
80.2744

■ 24.4992, 13.0124,
12.1571

■ 72.3949, 88.7145,
90.0552

■ 23.6908, 12.1715,
9.4960

■ 74.0761, 89.3870,
98.9084

■ 23.3953, 11.8987,
8.4165

■ 75.8025, 90.0775,
107.9992

Harmonies

Analogous

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



37.2650, 33.9643, 48.9238



38.6664, 33.9643, 39.6398



38.2719, 33.9643, 30.9889

Triad

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



38.6664, 33.9643, 39.6398



30.1156, 33.9643, 23.0384



28.6407, 33.9643, 52.3087

Complementary

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



38.6664, 33.9643, 39.6398



38.1158, 47.0872, 46.6172

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.



26.9523, 33.9643, 43.7004



38.6664, 33.9643, 39.6398



27.7644, 33.9643, 27.1601

Square

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



38.6664, 33.9643, 39.6398



33.1974, 33.9643, 22.3129



26.6422, 33.9643, 34.4445



31.3837, 33.9643, 56.9806

Rectangle

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



38.6664, 33.9643, 39.6398



37.0538, 33.9643, 26.6293



26.6422, 33.9643, 34.4445



27.9386, 33.9643, 49.7189

Sweetspot

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



38.6674, 33.9658, 39.6405



83.1022, 83.0250, 92.5861



36.7418, 32.6353, 54.8152



17.5382, 17.3427, 19.4242



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.6674, 33.9658, 39.6405



65.7880, 55.3715, 65.3120



37.6305, 34.5586, 31.0746



10.2398, 10.1445, 11.3532



15.5981, 7.9290, 5.7956



0.7081, 0.3563, 0.4304

Inverse Universe

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



38.6674, 33.9658, 39.6405



65.7880, 55.3715, 65.3120



39.3080, 46.1397, 57.2865



10.2398, 10.1445, 11.3532



15.5981, 7.9290, 5.7956



0.7081, 0.3563, 0.4304

Previews

White Background



This preview shows how the XYZ color 38.6664, 33.9643, 39.6398 looks on a white background.

Color Contrast Check

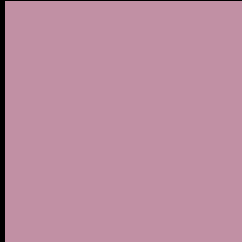
Large Text (above 18pt) WCAG AA × Fail

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 38.6664, 33.9643, 39.6398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

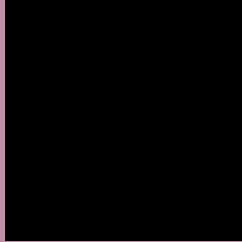
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.6664, 33.9643, 39.6398

Background



This preview shows how black text looks on a background with the XYZ color 38.6664, 33.9643, 39.6398.



This preview shows how white text looks on a background with the XYZ color 38.6664, 33.9643,

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

38.6664, 33.9643, 39.6398

Protanopia

33.4080, 34.2606, 43.8819

Deuteranopia

34.7074, 34.0490, 38.9253



Tritanopia

37.8644, 33.8576, 35.9920

Trichromacy



Original Color

38.6664, 33.9643, 39.6398

Protanomaly

34.9672, 33.8671, 42.2301

Deuteranomaly

36.1076, 34.0407, 39.3178

Tritanomaly

38.1216, 33.9605, 37.3467

Monochromacy



Original Color

38.6664, 33.9643, 39.6398

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

35.4765, 34.9356, 39.0558

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.6664, 33.9643, 39.6398 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(193, 144, 164)` looks like.

```
.text, #text, p{  
    color:rgb(193, 144, 164)  
}
```

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(193, 144, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 144, 164) }
```

Border

The CSS property to change the border of an element to XYZ 38.6664, 33.9643, 39.6398 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(193, 144, 164) }
```


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

```
.border{ border-color:rgb(193, 144, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 144, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 144, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 144, 164);  
box-shadow:4px 4px 4px 4px rgb(193, 144,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6664, 33.9643, 39.6398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 144, 164) }
```

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

```
.background{ background-color: rgb(193,  
144, 164) }
```

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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