

Converting Colors

XYZ(40.0958, 39.0014, 35.5526)

Have a look what the booklet for
XYZ(40.0958, 39.0014, 35.5526)
contains.

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Color

**XYZ(39.9805, 38.8660,
35.5317)**

Conversions

Conversions Part 1

Format	Color
Hex	BFA199
RGB	191, 161, 153
RGB Percent	75%, 63%, 60%
CMY	0.2510, 0.3686, 0.4000
CMYK	0.00, 0.16, 0.20, 0.25
HSL	13°, 23%, 67%
HSV	13°, 20%, 75%
XYZ	39.9805, 38.8660, 35.5317
YIQ	169.0580, 20.4480, 3.8720

Conversions

Conversions Part 2

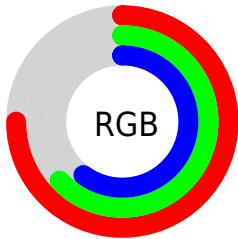
Format	Color
RYB	191, 163, 153
Decimal	12558745
CIELab	68.65, 9.75, 8.26
CIELCh	69, 12.776, 40.289
Yxy	38.8660, 0.3495, 0.3398
Android (android.graphics.Color)	4290748825 (0xFFBFA199)
YUV	169.0580, -7.9166, 19.2431
Hunter-Lab	62.3426, 5.3730, 9.8479

Details

The XYZ color **39.9805, 38.8660, 35.5317** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.4740, 44.3998, 55.7800**, and the grayscale version is **37.7725, 39.7396, 43.2764**.

A 20% lighter version of the original color is **74.5298, 73.5732, 69.3044**, and **18.1834, 17.2150, 14.9348** is the 20% darker color. If you saturate the color by 10%, you get **36.0499, 33.3303, 27.0515**, and if you desaturate by 10%, it is **44.4835, 45.1417, 45.4494**.

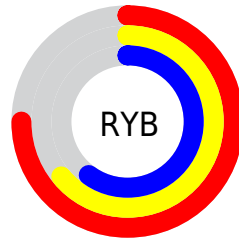
Distribution



Red (75%)

Green (63%)

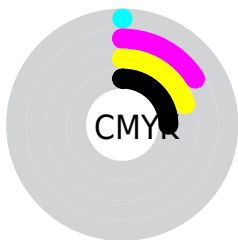
Blue (60%)



Red (75%)

Yellow (64%)

Blue (60%)

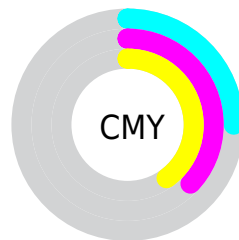


Cyan (0%)

Magenta (16%)

Yellow (20%)

Black (25%)



Cyan (25%)


Magenta (37%)


Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.9805, 38.8660, 35.5317 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 39.9805, 38.8660, 35.5317 by changing the saturation by 10% instead.


 39.9805, 38.8660,
35.5317


 39.9805, 38.8660,
35.5317


337.1772,
341.3204, 341.8843

 27.7075, 26.6555,
23.7859

 74.4183, 73.4336,
69.4695

 18.2446, 17.3147,
14.9642


 97.3139, 96.5594,
92.4987

 11.2265, 10.4591,
8.6479


124.4810,
124.0925, 120.1260

 6.2878, 5.7044,
4.4186

156.2850,
156.4173, 152.7700

 3.0632, 2.6662,
1.8577

193.0913,
193.9180, 190.8493

 1.1873, 0.9600,
0.4656

235.2651,

 0.0963, 0.0000,

236.9792, 234.7825

0.0000

283.1720,
285.9852, 284.9880

■ 0.0000, 0.0000,
0.0000

■ 39.9805, 38.8660,
35.5317

■ 39.9805, 38.8660,
35.5317

■ 36.0499, 33.3303,
27.0515

■ 44.4835, 45.1417,
45.4494

■ 32.6653, 28.5021,
19.9395

■ 49.5777, 52.1779,
56.8648

■ 29.8028, 24.3540,
14.1243

■ 55.2847, 60.0011,
69.8374

■ 27.4357, 20.8551,
9.5270

■ 61.6243, 68.6346,
84.4229

■ 25.5345, 17.9717,
6.0598

■ 68.6153, 78.1010,
100.6740

■ 24.0665, 15.6674,
3.6235

■ 74.1795, 87.5835,
107.6034

■ 22.9945, 13.9012,
2.1009

■ 75.2960, 89.8164,
107.9755

■ 22.2590, 12.6207,
1.2686

■ 22.2525, 12.6095,
1.2610

Harmonies

Analogous

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



40.8918, 38.8660, 40.3645



39.9805, 38.8660, 35.5317



38.2652, 38.8660, 32.6954

Triad

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



39.9805, 38.8660, 35.5317



33.4072, 38.8660, 38.6800



37.6383, 38.8660, 54.2210

Complementary

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



39.9805, 38.8660, 35.5317



39.4740, 44.3998, 55.7800

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.



35.6477, 38.8660, 53.6656



39.9805, 38.8660, 35.5317



33.2532, 38.8660, 44.3345

Square

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



39.9805, 38.8660, 35.5317



34.4883, 38.8660, 34.3952



34.0595, 38.8660, 49.9187



39.5073, 38.8660, 51.3736

Rectangle

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



39.9805, 38.8660, 35.5317



36.9214, 38.8660, 32.1504



34.0595, 38.8660, 49.9187



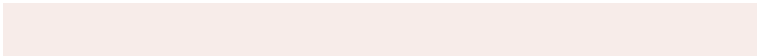
36.9605, 38.8660, 54.4319

Sweetspot

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



39.9816, 38.8678, 35.5325



83.0097, 85.4738, 88.8466



41.4665, 37.2949, 50.0318



18.0982, 18.5895, 19.2194



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.



39.9816, 38.8678, 35.5325



68.3247, 65.0036, 56.5149



43.4766, 45.8579, 36.6975



9.6887, 9.8533, 9.9679



14.6724, 8.3836, 0.8449



0.6231, 0.4250, 0.0492

Inverse Universe

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



39.4740, 44.3998, 55.7800



67.2426, 76.7556, 99.5504



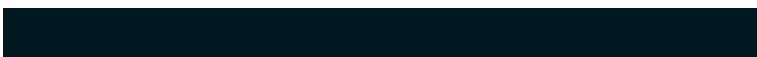
35.8885, 37.2287, 54.5849



9.6334, 10.4591, 12.1833



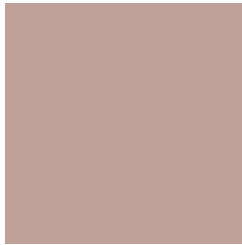
13.4886, 17.0889, 34.9805



0.5719, 0.7565, 1.3847

Previews

White Background



This preview shows how the XYZ color 39.9805, 38.8660, 35.5317 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 39.9805, 38.8660, 35.5317 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 39.9805, 38.8660, 35.5317

Background



This preview shows how black text looks on a background with the XYZ color 39.9805, 38.8660, 35.5317.



This preview shows how white text looks on a background with the XYZ color 39.9805, 38.8660,

35.5317.

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

39.9805, 38.8660, 35.5317

Protanopia

37.0530, 38.9220, 37.0123

Deuteranopia

39.6564, 38.9594, 35.5668



Tritanopia

41.5699, 38.7315, 43.8130

Trichromacy



Original Color

39.9805, 38.8660, 35.5317

Protanomaly

38.1939, 38.9801, 36.5212

Deuteranomaly

39.9053, 39.0877, 35.5784

Tritanomaly

40.8372, 38.6831, 40.4362

Monochromacy



Original Color

39.9805, 38.8660, 35.5317

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.3785, 39.2639, 40.2063

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9805, 38.8660, 35.5317 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(191, 161, 153)` looks like.

```
.text, #text, p{  
    color:rgb(191, 161, 153)  
}
```

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(191, 161, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 161, 153) }
```

Border

The CSS property to change the border of an element to XYZ 39.9805, 38.8660, 35.5317 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(191, 161, 153) }
```


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

```
.border{ border-color:rgb(191, 161, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 161, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 161, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 161, 153);  
box-shadow:4px 4px 4px 4px rgb(191, 161,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9805, 38.8660, 35.5317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 161, 153) }
```

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

```
.background{ background-color: rgb(191,  
161, 153) }
```

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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