

Converting Colors

XYZ(38.6995, 35.8562, 40.2211)

Have a look what the booklet for
XYZ(38.6995, 35.8562, 40.2211)
contains.

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Color

**XYZ(38.6681, 35.8282,
39.9995)**

Conversions

Conversions Part 1

Format	Color
Hex	BC98A4
RGB	188, 152, 164
RGB Percent	74%, 60%, 64%
CMY	0.2627, 0.4039, 0.3569
CMYK	0.00, 0.19, 0.13, 0.26
HSL	340°, 21%, 67%
HSV	340°, 19%, 74%
XYZ	38.6681, 35.8282, 39.9995
YIQ	164.1320, 17.6040, 11.3640

Conversions

Conversions Part 2

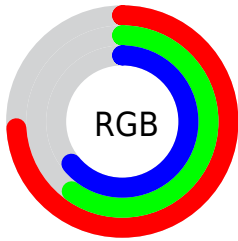
Format	Color
R _Y B	188, 152, 164
Decimal	12359844
CIE Lab	66.39, 15.37, -1.19
CIE LCh	66, 15.412, 355.572
Yxy	35.8282, 0.3377, 0.3129
Android (android.graphics.Color)	4290549924 (0xFFBC98A4)
YUV	164.1320, -0.0651, 20.9322
Hunter-Lab	59.8567, 10.5639, 2.2788

Details

The XYZ color **38.6681, 35.8282, 39.9995** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.7700, 45.7773, 47.8689**, and the grayscale version is **35.3447, 37.1854, 40.4949**.

A 20% lighter version of the original color is **72.5137, 68.6696, 76.4505**, and **17.4098, 15.5455, 17.4122** is the 20% darker color. If you saturate the color by 10%, you get **34.7786, 29.7721, 33.3908**, and if you desaturate by 10%, it is **43.1548, 42.8994, 47.3586**.

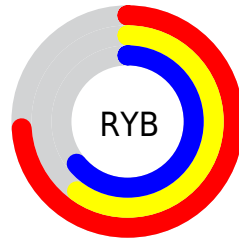
Distribution



Red (74%)

Green (60%)

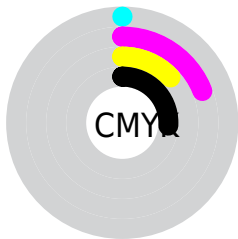
Blue (64%)



Red (74%)

Yellow (60%)

Blue (64%)

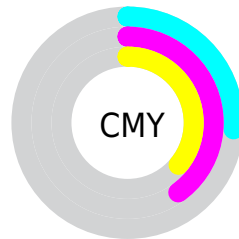


Cyan (0%)

Magenta (19%)

Yellow (13%)

Black (26%)



Cyan (26%)


Magenta (40%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.6681, 35.8282, 39.9995 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 38.6681, 35.8282, 39.9995 by changing the saturation by 10% instead.


 38.6681, 35.8282,
39.9995


 38.6681, 35.8282,
39.9995

331.7088,
328.2090, 361.6735

 26.6812, 24.3015,
27.2244

 72.4283, 68.7668,
76.3998

 17.4693, 15.5575,
17.5079


 94.9324, 90.9476,
100.8621

 10.6670, 9.2115,
10.4315

121.6728,
117.4485, 130.0572

 5.9090, 4.8794,
5.5766

153.0151,
148.6539, 164.4036

 2.8300, 2.1767,
2.5248

189.3244,
184.9483, 204.3199

 1.0645, 0.7072,
0.8533

230.9663,

 0.0000, 0.0000,

226.7160, 250.2246

0.0000

278.3060,
274.3414, 302.5363

■ 38.6681, 35.8282,
39.9995

■ 38.6681, 35.8282,
39.9995

■ 34.7786, 29.7721,
33.3908

■ 43.1548, 42.8994,
47.3586

■ 31.4575, 24.6796,
27.5058

■ 48.2601, 51.0245,
55.4892

■ 28.6777, 20.5018,
22.3192

■ 54.0078, 60.2464,
64.4142

■ 26.4089, 17.1837,
17.8036

■ 60.4197, 70.6039,
74.1550

■ 24.6176, 14.6640,
13.9294

■ 67.5166, 82.1340,
84.7321

■ 23.2660, 12.8737,
10.6645

■ 72.1099, 88.4557,
95.0958

■ 22.3101, 11.7316,
7.9734

■ 74.0291, 89.2234,
105.2019

■ 21.6742, 11.0933,
5.8084

■ 74.5492, 89.4314,
107.9406

■ 21.6268, 11.0465,
5.6446

Harmonies

Analogous

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



37.8431, 35.8282, 46.6392



38.6681, 35.8282, 39.9995



38.2116, 35.8282, 33.7827

Triad

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



38.6681, 35.8282, 39.9995



32.1755, 35.8282, 28.6413



31.6079, 35.8282, 50.4496

Complementary

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



38.6681, 35.8282, 39.9995



38.7700, 45.7773, 47.8689

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.



30.2088, 35.8282, 44.7523



38.6681, 35.8282, 39.9995



30.5259, 35.8282, 32.2632

Square

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



38.6681, 35.8282, 39.9995



34.3971, 35.8282, 27.6711



29.8217, 35.8282, 38.0386



33.7124, 35.8282, 53.0895

Rectangle

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



38.6681, 35.8282, 39.9995



37.2525, 35.8282, 30.6275



29.8217, 35.8282, 38.0386



31.0433, 35.8282, 48.7993

Sweetspot

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



38.6691, 35.8298, 40.0003



80.9109, 82.0311, 90.1718



38.2111, 35.3192, 52.3806



17.2737, 17.4406, 19.1894



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



38.6691, 35.8298, 40.0003



66.9702, 60.0730, 67.2642



38.6346, 37.4137, 34.8931



9.6578, 9.5874, 10.5870



14.7557, 7.5334, 4.0073



0.6090, 0.3075, 0.3201

Inverse Universe

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



38.6691, 35.8298, 40.0003



66.9702, 60.0730, 67.2642



38.7551, 43.7631, 53.9818



9.6578, 9.5874, 10.5870



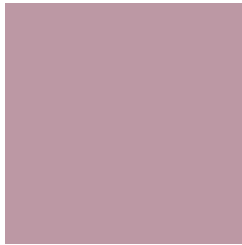
14.7557, 7.5334, 4.0073



0.6090, 0.3075, 0.3201

Previews

White Background



This preview shows how the XYZ color 38.6681, 35.8282, 39.9995 looks on a white background.

Color Contrast Check

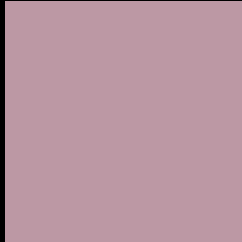
Large Text (above 18pt) WCAG AA × Fail

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 38.6681, 35.8282, 39.9995 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 38.6681, 35.8282, 39.9995

Background



This preview shows how black text looks on a background with the XYZ color 38.6681, 35.8282, 39.9995.



This preview shows how white text looks on a background with the XYZ color 38.6681, 35.8282,

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

38.6681, 35.8282, 39.9995

Protanopia

34.8066, 36.0357, 42.6572

Deuteranopia

36.5723, 35.9884, 39.6692



Tritanopia

38.6681, 35.8282, 39.9995

Trichromacy



Original Color

38.6681, 35.8282, 39.9995

Protanomaly

35.9965, 35.9017, 41.5917

Deuteranomaly

37.1546, 35.7903, 39.6003

Tritanomaly

38.6681, 35.8282, 39.9995

Monochromacy



Original Color

38.6681, 35.8282, 39.9995

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.5052, 36.7062, 40.2829

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.6681, 35.8282, 39.9995 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(188, 152, 164)` looks like.

```
.text, #text, p{  
    color:rgb(188, 152, 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(188, 152, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 152, 164) }
```

Border

The CSS property to change the border of an element to XYZ 38.6681, 35.8282, 39.9995 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(188, 152, 164) }
```


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

```
.border{ border-color:rgb(188, 152, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 152, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 152, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 152, 164);  
box-shadow:4px 4px 4px 4px rgb(188, 152,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6681, 35.8282, 39.9995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 152, 164) }
```

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

```
.background{ background-color: rgb(188,  
152, 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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