

Converting Colors

XYZ(38.4772, 35.5112, 38.8957)

Have a look what the booklet for
XYZ(38.4772, 35.5112, 38.8957)
contains.

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Color

**XYZ(38.5745, 35.5607,
39.0132)**

Conversions

Conversions Part 1

Format	Color
Hex	BD97A2
RGB	189, 151, 162
RGB Percent	74%, 59%, 64%
CMY	0.2588, 0.4078, 0.3647
CMYK	0.00, 0.20, 0.14, 0.26
HSL	343°, 22%, 67%
HSV	343°, 20%, 74%
XYZ	38.5745, 35.5607, 39.0132
YIQ	163.6160, 19.1170, 11.4770

Conversions

Conversions Part 2

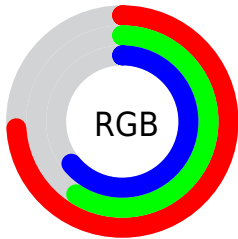
Format	Color
RYB	189, 151, 162
Decimal	12425122
CIELab	66.18, 15.95, -0.36
CIELCh	66, 15.957, 358.717
Yxy	35.5607, 0.3409, 0.3143
Android (android.graphics.Color)	4290615202 (0xFFBD97A2)
YUV	163.6160, -0.7967, 22.2618
Hunter-Lab	59.6328, 11.1084, 2.9540

Details

The XYZ color **38.5745, 35.5607, 39.0132** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.9975, 46.1898, 48.9820**, and the grayscale version is **35.1024, 36.9304, 40.2172**.

A 20% lighter version of the original color is **72.3617, 68.2652, 75.0083**, and **17.3633, 15.3910, 16.8075** is the 20% darker color. If you saturate the color by 10%, you get **34.6425, 29.5061, 32.1238**, and if you desaturate by 10%, it is **43.1236, 42.6448, 46.7383**.

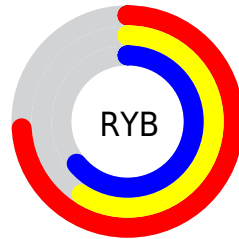
Distribution



Red (74%)

Green (59%)

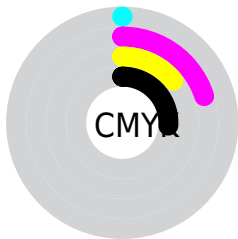
Blue (64%)



Red (74%)

Yellow (59%)

Blue (64%)

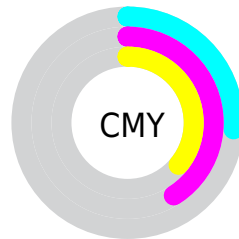


Cyan (0%)

Magenta (20%)

Yellow (14%)

Black (26%)



Cyan (26%)


Magenta (41%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.5745, 35.5607, 39.0132 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 38.5745, 35.5607, 39.0132 by changing the saturation by 10% instead.


 38.5745, 35.5607,
39.0132


 38.5745, 35.5607,
39.0132

331.3164,
327.0364, 357.3742

 26.6081, 24.0951,
26.4621


 72.2861, 68.3535,
74.8790

 17.4142, 15.4042,
16.9408


 94.7620, 90.4495,
99.0309

 10.6274, 9.1035,
10.0308


121.4718,
116.8577, 127.8867

 5.8823, 4.8088,
5.3135

152.7808,
147.9625, 161.8650

 2.8136, 2.1355,
2.3704

189.0544,
184.1485, 201.3843

 1.0560, 0.6845,
0.7703

230.6580,

 0.0000, 0.0000,

225.7998, 246.8633

0.0000

277.9569,
273.3010, 298.7204

■ 38.5745, 35.5607,
39.0132

■ 38.5745, 35.5607,
39.0132

■ 34.6425, 29.5061,
32.1238

■ 43.1236, 42.6448,
46.7383

■ 31.2975, 24.4281,
26.0391

■ 48.3124, 50.7983,
55.3241

■ 28.5112, 20.2765,
20.7294

■ 54.1657, 60.0650,
64.7973

■ 26.2518, 16.9948,
16.1623

■ 60.7064, 70.4847,
75.1829

■ 24.4839, 14.5199,
12.3028

■ 67.9560, 82.0954,
86.5046

■ 23.1680, 12.7804,
9.1131

■ 72.8612, 88.7848,
97.7609

■ 22.2574, 11.6919,
6.5508

■ 74.7965, 89.5589,
107.9522

■ 21.6688, 11.0919,
4.5755

Harmonies

Analogous

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



37.8551, 35.5607, 45.9171



38.5745, 35.5607, 39.0132



37.9655, 35.5607, 32.7683

Triad

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



38.5745, 35.5607, 39.0132



31.6519, 35.5607, 28.3431



31.4827, 35.5607, 51.0092

Complementary

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



38.5745, 35.5607, 39.0132



38.9975, 46.1898, 48.9820

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.



29.9498, 35.5607, 45.3510



38.5745, 35.5607, 39.0132



30.0442, 35.5607, 32.3165

Square

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



38.5745, 35.5607, 39.0132



33.9018, 35.5607, 27.0589



29.4355, 35.5607, 38.4274



33.6972, 35.5607, 53.3250

Rectangle

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



38.5745, 35.5607, 39.0132



36.9034, 35.5607, 29.6980



29.4355, 35.5607, 38.4274



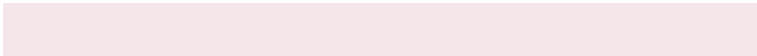
30.8745, 35.5607, 49.4048

Sweetspot

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



38.5755, 35.5623, 39.0139



80.8179, 81.9939, 89.6823



38.5216, 35.2268, 52.9137



17.2517, 17.4318, 19.0736



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.



38.5755, 35.5623, 39.0139



65.9411, 58.8288, 64.4116



38.9029, 37.7137, 34.5092



9.6407, 9.5806, 10.4968



14.6086, 7.4746, 3.2323



0.6016, 0.3045, 0.2814

Inverse Universe

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



38.5755, 35.5623, 39.0139



65.9411, 58.8288, 64.4116



38.5544, 43.4652, 54.5022



9.6407, 9.5806, 10.4968



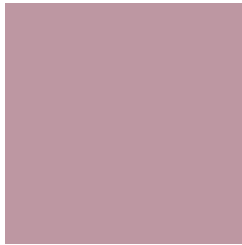
14.6086, 7.4746, 3.2323



0.6016, 0.3045, 0.2814

Previews

White Background



This preview shows how the XYZ color 38.5745, 35.5607, 39.0132 looks on a white background.

Color Contrast Check

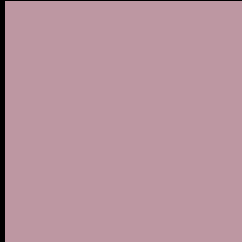
Large Text (above 18pt) WCAG AA × Fail

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 38.5745, 35.5607, 39.0132 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 38.5745, 35.5607, 39.0132

Background



This preview shows how black text looks on a background with the XYZ color 38.5745, 35.5607, 39.0132.



This preview shows how white text looks on a background with the XYZ color 38.5745, 35.5607,

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

38.5745, 35.5607, 39.0132

Protanopia

34.4461, 35.6130, 41.6177

Deuteranopia

36.2260, 35.5802, 38.6766



Tritanopia

38.6637, 35.5964, 39.4833

Trichromacy



Original Color

38.5745, 35.5607, 39.0132

Protanomaly

35.8618, 35.6012, 40.5789

Deuteranomaly

37.0447, 35.5082, 38.6195

Tritanomaly

38.6637, 35.5964, 39.4833

Monochromacy



Original Color

38.5745, 35.5607, 39.0132

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.2426, 36.3249, 39.7515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5745, 35.5607, 39.0132 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(189, 151, 162)` looks like.

```
.text, #text, p{  
    color:rgb(189, 151, 162)  
}
```

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(189, 151, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 151, 162) }
```

Border

The CSS property to change the border of an element to XYZ 38.5745, 35.5607, 39.0132 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(189, 151, 162) }
```


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

```
.border{ border-color:rgb(189, 151, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 151, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 151, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 151, 162);  
box-shadow:4px 4px 4px 4px rgb(189, 151,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5745, 35.5607, 39.0132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 151, 162) }
```

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

```
.background{ background-color: rgb(189,  
151, 162) }
```

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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