

Converting Colors

XYZ(38.9325, 31.8381, 35.1038)

Have a look what the booklet for
XYZ(38.9325, 31.8381, 35.1038)
contains.

XYZ(38.9325, 31.8381, 35.1038)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(38.9325, 31.8381,
35.1038)**

Conversions

Conversions Part 1

Format	Color
Hex	CB859B
RGB	203, 133, 155
RGB Percent	80%, 52%, 61%
CMY	0.2039, 0.4784, 0.3922
CMYK	0.00, 0.34, 0.24, 0.20
HSL	341°, 40%, 66%
HSV	341°, 34%, 80%
XYZ	38.9325, 31.8381, 35.1038
YIQ	156.4380, 34.6580, 21.6820

Conversions

Conversions Part 2

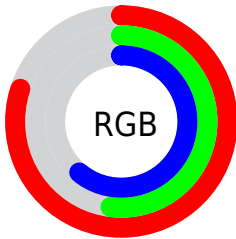
Format	Color
R_{YB}	203, 133, 155
Decimal	13338011
CIE Lab	63.21, 29.91, -0.57
CIE LCh	63, 29.919, 358.904
Yxy	31.8381, 0.3677, 0.3007
Android (android.graphics.Color)	4291528091 (0xFFCB859B)
YUV	156.4380, -0.7089, 40.8349
Hunter-Lab	56.4253, 24.4179, 2.6116

Details

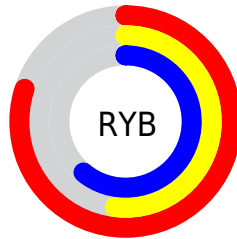
The XYZ color **38.9325, 31.8381, 35.1038** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.3706, 51.0354, 51.4942**, and the grayscale version is **31.7886, 33.4441, 36.4206**.

A 20% lighter version of the original color is **70.5189, 61.4041, 68.4570**, and **17.5486, 13.2371, 14.7268** is the 20% darker color. If you saturate the color by 10%, you get **35.3147, 26.3666, 28.4586**, and if you desaturate by 10%, it is **43.2240, 38.4407, 42.6393**.

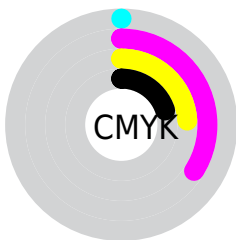
Distribution



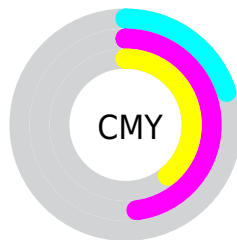
- Red (80%)
- Green (52%)
- Blue (61%)



- Red (80%)
- Yellow (52%)
- Blue (61%)



- Cyan (0%)
- Magenta (34%)
- Yellow (24%)
- Black (20%)



- Cyan (20%)
- Magenta (48%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.9325, 31.8381, 35.1038 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 38.9325, 31.8381, 35.1038 by changing the saturation by 10% instead.


 38.9325, 31.8381,
35.1038

 38.9325, 31.8381,
35.1038

332.8155,
310.3811, 339.9444


 26.8877, 21.2379,
23.4587


 72.8299, 62.5572,
68.7999

 17.6251, 13.2980,
14.7241


 95.4133, 83.4448,
91.6880

 10.7792, 7.6341,
8.4815


 122.2402,
108.5304, 119.1608

 5.9847, 3.8617,
4.3124

153.6760,
138.1983, 151.6368

 2.8764, 1.5965,
1.7982

190.0861,
172.8330, 189.5347

 1.0887, 0.3552,
0.4268

231.8358,

 0.0157, 0.0000,

212.8187, 233.2729

0.0000

279.2905,
258.5399, 283.2699

■ 0.0000, 0.0000,
0.0000

■ 38.9325, 31.8381,
35.1038

■ 38.9325, 31.8381,
35.1038

■ 35.3147, 26.3666,
28.4586

■ 43.2240, 38.4407,
42.6393

■ 32.3322, 21.9577,
22.6674

■ 48.2194, 46.2287,
51.0955

■ 29.9469, 18.5425,
17.6940


■ 53.9503, 55.2583,
60.5037


■ 28.1154, 16.0421,
13.4988


■ 60.4455, 65.5810,
70.8932


■ 26.7875, 14.3653,
10.0382

■ 67.7323, 77.2450,
82.2918

 25.9034, 13.4017,
7.2632

 75.8366, 90.2964,
94.7263

 25.5482, 13.0644,
5.9947

 78.0302, 91.2732,
105.9716

 78.4387, 91.4366,
108.1226

Harmonies

Analogous

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



37.5975, 31.8381, 47.8152



38.9325, 31.8381, 35.1038



37.7736, 31.8381, 24.7786

Triad

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



38.9325, 31.8381, 35.1038



26.5764, 31.8381, 18.3013



26.3355, 31.8381, 58.0654

Complementary

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



38.9325, 31.8381, 35.1038



39.3706, 51.0354, 51.4942

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.



23.8173, 31.8381, 46.8862



38.9325, 31.8381, 35.1038



23.9472, 31.8381, 24.1802

Square

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



38.9325, 31.8381, 35.1038



30.4135, 31.8381, 16.5118



22.9836, 31.8381, 34.2324



30.1093, 31.8381, 62.8002

Rectangle

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



38.9325, 31.8381, 35.1038



35.7975, 31.8381, 20.1748



22.9836, 31.8381, 34.2324



25.3273, 31.8381, 54.8275

Sweetspot

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



38.9334, 31.8396, 35.1044



84.7591, 83.7202, 92.2069



38.1852, 30.8921, 60.4503



17.8547, 17.4676, 19.2626



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.



38.9334, 31.8396, 35.1044



60.7973, 46.6482, 50.7658



39.1165, 34.8979, 26.8665



11.3551, 11.2708, 12.4047



16.2953, 8.3287, 4.0078



0.8751, 0.4434, 0.3879

Inverse Universe

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



38.9334, 31.8396, 35.1044



60.7973, 46.6482, 50.7658



38.9030, 46.1984, 63.3669



11.3551, 11.2708, 12.4047



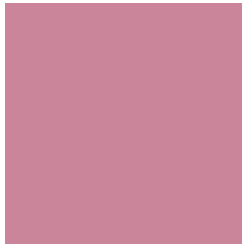
16.2953, 8.3287, 4.0078



0.8751, 0.4434, 0.3879

Previews

White Background



This preview shows how the XYZ color 38.9325, 31.8381, 35.1038 looks on a white background.

Color Contrast Check

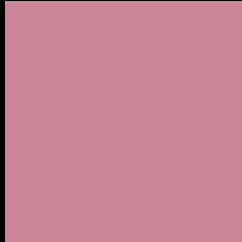
Large Text (above 18pt) WCAG AA × Fail

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 38.9325, 31.8381, 35.1038 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 38.9325, 31.8381, 35.1038

Background



This preview shows how black text looks on a background with the XYZ color 38.9325, 31.8381, 35.1038.



This preview shows how white text looks on a background with the XYZ color 38.9325, 31.8381,

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

38.9325, 31.8381, 35.1038

Protanopia

31.1522, 31.9219, 41.0789

Deuteranopia

32.6196, 31.8818, 34.1403



Tritanopia

38.1319, 31.9288, 30.9412

Trichromacy



Original Color

38.9325, 31.8381, 35.1038

Protanomaly

33.5308, 31.5531, 38.9734

Deuteranomaly

34.6283, 31.7686, 34.4438

Tritanomaly

38.3070, 31.7767, 32.5483

Monochromacy



Original Color

38.9325, 31.8381, 35.1038

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

33.8242, 32.4643, 35.9360

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9325, 31.8381, 35.1038 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(203, 133, 155)` looks like.

```
.text, #text, p{  
    color:rgb(203, 133, 155)  
}
```

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(203, 133, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 133, 155) }
```

Border

The CSS property to change the border of an element to XYZ 38.9325, 31.8381, 35.1038 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(203, 133, 155) }
```


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

```
.border{ border-color:rgb(203, 133, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 133, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 133, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 133, 155);  
box-shadow:4px 4px 4px 4px rgb(203, 133,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9325, 31.8381, 35.1038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 133, 155) }
```

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

```
.background{ background-color: rgb(203,  
133, 155) }
```

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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