

Converting Colors

XYZ(38.9034, 31.1664, 61.0920)

Have a look what the booklet for
XYZ(38.9034, 31.1664, 61.0920)
contains.

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Color

**XYZ(39.0538, 31.3250,
61.1147)**

Conversions

Conversions Part 1

Format	Color
Hex	B885CC
RGB	184, 133, 204
RGB Percent	72%, 52%, 80%
CMY	0.2784, 0.4784, 0.2000
CMYK	0.10, 0.35, 0.00, 0.20
HSL	283°, 41%, 66%
HSV	283°, 35%, 80%
XYZ	39.0538, 31.3250, 61.1147
YIQ	156.3430, 7.6050, 32.8930

Conversions

Conversions Part 2

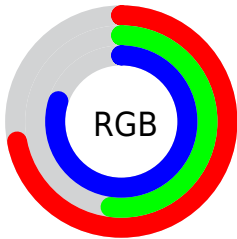
Format	Color
RYB	184, 133, 204
Decimal	12092876
CIELab	62.78, 32.14, -29.15
CIELCh	63, 43.391, 317.797
Yxy	31.3250, 0.2970, 0.2382
Android (android.graphics.Color)	4290282956 (0xFFB885CC)
YUV	156.3430, 23.4949, 24.2552
Hunter-Lab	55.9687, 26.6082, -25.5632

Details

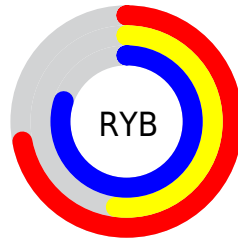
The XYZ color **39.0538, 31.3250, 61.1147** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **38.9643, 51.6522, 30.1079**, and the grayscale version is **31.6499, 33.2981, 36.2617**.

A 20% lighter version of the original color is **72.0960, 61.4614, 102.6711**, and **17.7282, 12.9824, 30.4256** is the 20% darker color. If you saturate the color by 10%, you get **35.1790, 25.5769, 60.2099**, and if you desaturate by 10%, it is **43.5290, 38.1893, 62.2043**.

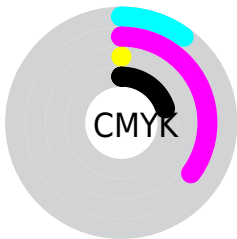
Distribution



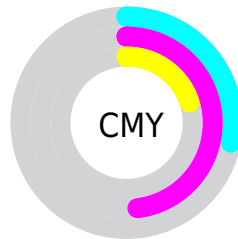
- Red (72%)
- Green (52%)
- Blue (80%)



- Red (72%)
- Yellow (52%)
- Blue (80%)



- Cyan (10%)
- Magenta (35%)
- Yellow (0%)
- Black (20%)



- Cyan (28%)
- Magenta (48%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0538, 31.3250, 61.1147 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 39.0538, 31.3250, 61.1147 by changing the saturation by 10% instead.

39.0538, 31.3250,
61.1147

39.0538, 31.3250,
61.1147

333.3224,
308.0328, 446.6126

26.9825, 20.8465,
43.8866

73.0140, 61.7514,
108.0041

17.6966, 13.0118,
30.2448

95.6337, 82.4680,
138.5025

10.8307, 7.4367,
19.7709

122.5002,
107.3661, 174.2615

6.0196, 3.7367,
12.0462

153.9788,
136.8301, 215.6994

2.8978, 1.5274,
6.6522

190.4350,
171.2444, 263.2350

1.0999, 0.3079,
3.1704

232.2341,

0.0251, 0.0000,

210.9933, 317.2867

1.1823

279.7415,
256.4613, 378.2731

■ 0.0000, 0.0000,
0.0000

■ 39.0538, 31.3250,
61.1147

■ 39.0538, 31.3250,
61.1147

■ 35.1790, 25.5769,
60.2099

■ 43.5290, 38.1893,
62.2043

■ 31.8692, 20.8777,
59.4773

■ 48.6311, 46.2241,
63.4862

■ 29.0901, 17.1587,
58.9060


■ 54.3886, 55.4850,
64.9703


■ 26.8020, 14.3415,
58.4828


■ 60.8275, 66.0227,
66.6649


■ 24.9587, 12.3351,
58.1927


■ 67.9721, 77.8850,
68.5780


 23.5045, 11.0289,
58.0172

 75.7165, 90.8593,
70.6741

 22.8489, 10.5200,
57.9535

 77.4700, 91.7632,
70.7562

 79.2837, 92.6982,
70.8411

 81.1582, 93.6646,
70.9288

Harmonies

Analogous

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



33.4000, 31.3250, 75.6571



39.0538, 31.3250, 61.1147



42.3803, 31.3250, 41.4939

Triad

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



39.0538, 31.3250, 61.1147



32.2517, 31.3250, 11.0961



20.1748, 31.3250, 45.1057

Complementary

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



39.0538, 31.3250, 61.1147



38.9643, 51.6522, 30.1079

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.



19.9531, 31.3250, 27.6544



39.0538, 31.3250, 61.1147



26.4194, 31.3250, 11.4913

Square

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



39.0538, 31.3250, 61.1147



38.1175, 31.3250, 15.1718



22.0937, 31.3250, 16.5246



22.7457, 31.3250, 64.5034

Rectangle

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



39.0538, 31.3250, 61.1147



42.5734, 31.3250, 29.8624



22.0937, 31.3250, 16.5246



19.8367, 31.3250, 38.7371

Sweetspot

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



39.0548, 31.3263, 61.1154



84.8544, 83.4588, 106.2446



31.9834, 32.1681, 61.6506



17.8753, 17.4029, 22.6669



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.



39.0548, 31.3263, 61.1154



59.6231, 44.3489, 100.0255



42.4340, 33.2711, 52.1125



11.3676, 11.2388, 14.1405



14.4761, 6.6702, 36.4808



0.8186, 0.3811, 1.8854

Inverse Universe

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



39.0401, 31.9135, 34.2403



59.8570, 45.6256, 47.8073



36.6424, 50.3233, 35.9597



11.3401, 11.2648, 12.3254



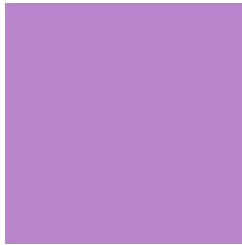
16.1804, 8.2827, 3.4025



0.8677, 0.4405, 0.3491

Previews

White Background



This preview shows how the XYZ color 39.0538, 31.3250, 61.1147 looks on a white background.

Color Contrast Check

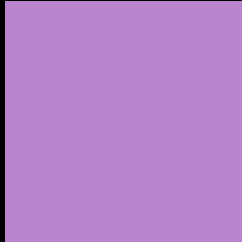
Large Text (above 18pt) WCAG AA × Fail

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 39.0538, 31.3250, 61.1147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

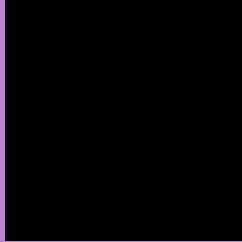
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.0538, 31.3250, 61.1147

Background



This preview shows how black text looks on a background with the XYZ color 39.0538, 31.3250, 61.1147.



This preview shows how white text looks on a background with the XYZ color 39.0538, 31.3250,

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

39.0538, 31.3250, 61.1147

Protanopia

32.7908, 31.6477, 70.0260

Deuteranopia

32.2642, 31.6052, 59.6582



Tritanopia

33.7867, 31.3251, 34.8375

Trichromacy



Original Color

39.0538, 31.3250, 61.1147

Protanomaly

34.4346, 31.1840, 66.4916

Deuteranomaly

34.3442, 31.2787, 60.1044

Tritanomaly

35.5014, 31.1471, 43.1706

Monochromacy



Original Color

39.0538, 31.3250, 61.1147

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

33.8586, 32.3039, 43.9859

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0538, 31.3250, 61.1147 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(184, 133, 204)` looks like.

```
.text, #text, p{  
    color:rgb(184, 133, 204)  
}
```

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(184, 133, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 133, 204) }
```

Border

The CSS property to change the border of an element to XYZ 39.0538, 31.3250, 61.1147 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(184, 133, 204) }
```


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

```
.border{ border-color:rgb(184, 133, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 133, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 133, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 133, 204);  
box-shadow:4px 4px 4px 4px rgb(184, 133,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0538, 31.3250, 61.1147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 133, 204) }
```

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

```
.background{ background-color: rgb(184,  
133, 204) }
```

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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