

Converting Colors

XYZ(37.9692, 35.0056, 50.9371)

Have a look what the booklet for
XYZ(37.9692, 35.0056, 50.9371)
contains.

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Color

**XYZ(38.0610, 35.0255,
51.2089)**

Conversions

Conversions Part 1

Format	Color
Hex	B197BA
RGB	177, 151, 186
RGB Percent	69%, 59%, 73%
CMY	0.3059, 0.4078, 0.2706
CMYK	0.05, 0.19, 0.00, 0.27
HSL	285°, 20%, 66%
HSV	285°, 19%, 73%
XYZ	38.0610, 35.0255, 51.2089
YIQ	162.7640, 4.2610, 16.3970

Conversions

Conversions Part 2

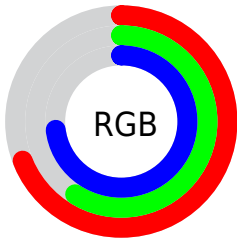
Format	Color
RYB	177, 151, 186
Decimal	11638714
CIELab	65.77, 16.09, -14.55
CIELCh	66, 21.695, 317.868
Yxy	35.0255, 0.3062, 0.2818
Android (android.graphics.Color)	4289828794 (0xFFB197BA)
YUV	162.7640, 11.4553, 12.4850
Hunter-Lab	59.1823, 11.2268, -9.8744

Details

The XYZ color **38.0610, 35.0255, 51.2089** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **37.6432, 44.8266, 35.9483**, and the grayscale version is **34.6487, 36.4531, 39.6975**.

A 20% lighter version of the original color is **71.4626, 67.3971, 93.2469**, and **17.1030, 15.0929, 24.2021** is the 20% darker color. If you saturate the color by 10%, you get **34.2304, 28.9529, 50.2392**, and if you desaturate by 10%, it is **42.4042, 42.0653, 52.3393**.

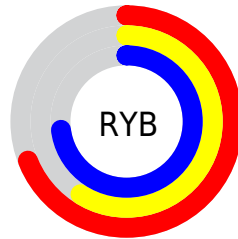
Distribution



Red (69%)

Green (59%)

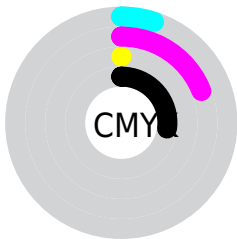
Blue (73%)



Red (69%)

Yellow (59%)

Blue (73%)

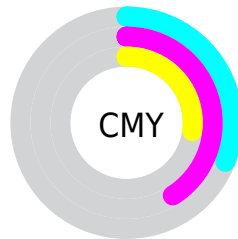


Cyan (5%)

Magenta (19%)

Yellow (0%)

Black (27%)



Cyan (31%)

Magenta (41%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.0610, 35.0255, 51.2089 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 38.0610, 35.0255, 51.2089 by changing the saturation by 10% instead.

■ 38.0610, 35.0255,
51.2089

■ 38.0610, 35.0255,
51.2089

329.1579,
324.6809, 408.2446

■ 26.2075, 23.6825,
35.9970

■ 71.5049, 67.5253,
93.3781

■ 17.1124, 15.0983,
24.1422

■ 93.8260, 89.4508,
121.1726

■ 10.4105, 8.8884,
15.2260

120.3670,
115.6727, 153.9983

■ 5.7363, 4.6685,
8.8297

151.4933,
146.5754, 192.2738

■ 2.7245, 2.0541,
4.5350

187.5701,
182.5431, 236.4176

■ 1.0098, 0.6386,
1.9232

228.9629,

■ 0.0000, 0.0000,

223.9603, 286.8483

0.5074

276.0371,
271.2114, 343.9845

■ 0.0000, 0.0000,
0.0000

■ 38.0610, 35.0255,
51.2089

■ 38.0610, 35.0255,
51.2089

■ 34.2304, 28.9529,
50.2392

■ 42.4042, 42.0653,
52.3393

■ 30.8867, 23.7986,
49.4205

■ 47.2777, 50.1093,
53.6351

■ 28.0068, 19.5163,
48.7458

■ 52.7026, 59.1979,
55.1035

■ 25.5641, 16.0535,
48.2061

■ 58.6974, 69.3682,
56.7506

■ 23.5294, 13.3524,
47.7920

■ 65.2800, 80.6552,
58.5823

■ 21.8696, 11.3471,
47.4924

■ 69.9933, 88.1440,
59.7793

■ 20.5456, 9.9605,
47.2946

■ 71.3389, 88.8378,
59.8423

■ 19.4906, 9.0594,
47.1762

■ 72.7254, 89.5525,
59.9072

■ 19.3725, 8.9631,
47.1639

■ 74.1529, 90.2884,
59.9740

Harmonies

Analogous

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



35.2128, 35.0255, 57.4678



38.0610, 35.0255, 51.2089



39.6699, 35.0255, 41.9579

Triad

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



38.0610, 35.0255, 51.2089



34.5995, 35.0255, 23.3837



27.7758, 35.0255, 43.7979

Complementary

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



38.0610, 35.0255, 51.2089



37.6432, 44.8266, 35.9483

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.



27.6349, 35.0255, 34.5550



38.0610, 35.0255, 51.2089



31.4399, 35.0255, 23.7144

Square

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



38.0610, 35.0255, 51.2089



37.5873, 35.0255, 26.5135



28.9366, 35.0255, 27.5033



29.3346, 35.0255, 52.7403

Rectangle

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



38.0610, 35.0255, 51.2089



39.7592, 35.0255, 35.7771



28.9366, 35.0255, 27.5033



27.5648, 35.0255, 40.5981

Sweetspot

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



38.0621, 35.0270, 51.2097



79.1618, 80.0219, 95.4749



34.2555, 35.3834, 51.4791



17.3091, 17.4190, 20.9925



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.



38.0621, 35.0270, 51.2097



65.7062, 58.2497, 91.9816



39.3365, 35.7814, 46.8659



9.1494, 9.0434, 11.3428



13.1055, 6.0673, 31.7334



0.5160, 0.2417, 1.1212

Inverse Universe

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



37.6626, 35.1119, 38.0515



64.9013, 58.4746, 63.0382



36.5951, 44.2070, 39.4823



9.0969, 9.0491, 9.8575



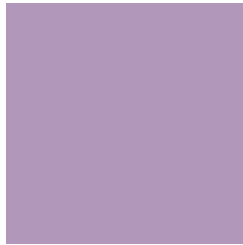
14.0064, 7.1763, 2.6544



0.5198, 0.2634, 0.2306

Previews

White Background



This preview shows how the XYZ color 38.0610, 35.0255, 51.2089 looks on a white background.

Color Contrast Check

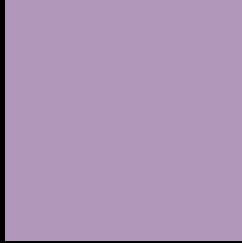
Large Text (above 18pt) WCAG AA × Fail

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 38.0610, 35.0255, 51.2089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

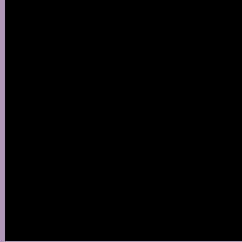
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.0610, 35.0255, 51.2089

Background



This preview shows how black text looks on a background with the XYZ color 38.0610, 35.0255, 51.2089.



This preview shows how white text looks on a background with the XYZ color 38.0610, 35.0255,

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

38.0610, 35.0255, 51.2089

Protanopia

34.7677, 34.9876, 54.2110

Deuteranopia

35.7497, 35.0662, 50.7832



Tritanopia

35.9862, 34.8999, 41.3989

Trichromacy



Original Color

38.0610, 35.0255, 51.2089

Protanomaly

35.8069, 34.7982, 52.9736

Deuteranomaly

36.4610, 34.9388, 50.7211

Tritanomaly

36.7104, 34.9524, 44.8560

Monochromacy



Original Color

38.0610, 35.0255, 51.2089

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.8973, 36.0614, 43.5966

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0610, 35.0255, 51.2089 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(177, 151, 186)` looks like.

```
.text, #text, p{  
    color:rgb(177, 151, 186)  
}
```

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(177, 151, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 151, 186) }
```

Border

The CSS property to change the border of an element to XYZ 38.0610, 35.0255, 51.2089 is called "border". The border property can be set on classes, ids or directly on the HTML element.

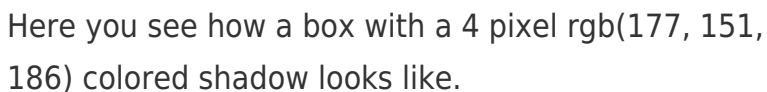
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 151, 186) }
```


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

```
.border{ border-color:rgb(177, 151, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 151, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 151, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 151, 186); box-shadow:4px 4px 4px 4px rgb(177, 151, 186) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0610, 35.0255, 51.2089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 151, 186) }
```

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

```
.background{ background-color: rgb(177,  
151, 186) }
```

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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