

Converting Colors

XYZ(50.6311, 38.8316, 49.0827)

Have a look what the booklet for
XYZ(50.6311, 38.8316, 49.0827)
contains.

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Color

**XYZ(50.6311, 38.8316,
49.0827)**

Conversions

Conversions Part 1

Format	Color
Hex	E78BB6
RGB	231, 139, 182
RGB Percent	91%, 55%, 71%
CMY	0.0941, 0.4549, 0.2863
CMYK	0.00, 0.40, 0.21, 0.09
HSL	332°, 66%, 73%
HSV	332°, 40%, 91%
XYZ	50.6311, 38.8316, 49.0827
YIQ	171.4100, 41.0290, 32.8770

Conversions

Conversions Part 2

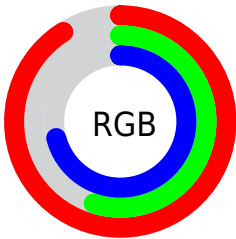
Format	Color
R _Y B	231, 139, 182
Decimal	15174582
CIE Lab	68.63, 40.54, -7.44
CIE LCh	69, 41.215, 349.602
Yxy	38.8316, 0.3654, 0.2803
Android (android.graphics.Color)	4293364662 (0xFFE78BB6)
YUV	171.4100, 5.2209, 52.2604
Hunter-Lab	62.3150, 35.9804, -3.0795

Details

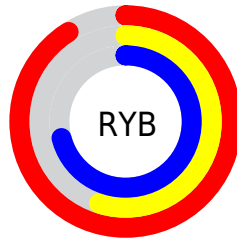
The XYZ color **50.6311, 38.8316, 49.0827** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **48.3022, 66.2726, 57.8262**, and the grayscale version is **38.8760, 40.9006, 44.5407**.

A 20% lighter version of the original color is **75.9644, 66.0166, 89.6276**, and **24.8262, 17.4000, 22.8189** is the 20% darker color. If you saturate the color by 10%, you get **46.4168, 32.3490, 41.6777**, and if you desaturate by 10%, it is **55.6661, 46.7758, 57.3133**.

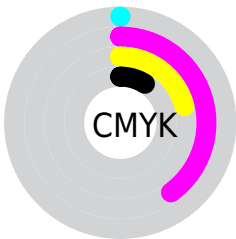
Distribution



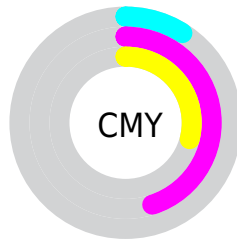
- Red (91%)
- Green (55%)
- Blue (71%)



- Red (91%)
- Yellow (55%)
- Blue (71%)



- Cyan (0%)
- Magenta (40%)
- Yellow (21%)
- Black (9%)





- Cyan (9%)
- Magenta (45%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.6311, 38.8316, 49.0827 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 50.6311, 38.8316, 49.0827 by changing the saturation by 10% instead.


 50.6311, 38.8316,
49.0827

 50.6311, 38.8316,
49.0827


379.5401,
341.1740, 399.6996


 36.1350, 26.6287,
34.3190


 90.2955, 73.3810,
90.1965

 24.7090, 17.2946,
22.8594


 116.1944, 96.4963,
117.3838

 15.9880, 10.4448,
14.2854

 146.6250,
124.0179, 149.5493

 9.6064, 5.6948,
8.1784

181.9526,
156.3302, 187.1116

 5.1991, 2.6604,
4.1199

222.5426,
193.8176, 230.4892

 2.4005, 0.9571,
1.6914

268.7602,

 0.8453, 0.0000,

236.8644, 280.1007

0.3548

320.9710,
285.8551, 336.3647

■ 0.0000, 0.0000,
0.0000

■ 50.6311, 38.8316,
49.0827

■ 50.6311, 38.8316,
49.0827

■ 46.4168, 32.3490,
41.6777

■ 55.6661, 46.7758,
57.3133

■ 42.9719, 27.2315,
35.0659

■ 61.5620, 56.2591,
66.3954

■ 40.2447, 23.3797,
29.2157

■ 68.3604, 67.3601,
76.3564

■ 38.1748, 20.6782,
24.0919

■ 76.0993, 80.1503,
87.2215

■ 36.6911, 18.9899,
19.6544

■ 84.8142, 94.6970,
99.0149

■ 35.6758, 18.0843,
15.8472

■ 86.7651, 95.7290,
108.5123

■ 35.6598, 18.0709,
15.7851

Harmonies

Analogous

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



47.2788, 38.8316, 70.0111



50.6311, 38.8316, 49.0827



49.9923, 38.8316, 31.3642

Triad

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



50.6311, 38.8316, 49.0827



32.8684, 38.8316, 16.7136



29.3797, 38.8316, 75.8567

Complementary

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



50.6311, 38.8316, 49.0827



48.3022, 66.2726, 57.8262

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.



26.3330, 38.8316, 55.4759



50.6311, 38.8316, 49.0827



28.1772, 38.8316, 23.0523

Square

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



50.6311, 38.8316, 49.0827



39.2125, 38.8316, 15.9249



25.9203, 38.8316, 36.1386



34.6961, 38.8316, 88.2180

Rectangle

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



50.6311, 38.8316, 49.0827



47.4107, 38.8316, 23.3077



25.9203, 38.8316, 36.1386



28.0840, 38.8316, 69.4789

Sweetspot

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



50.6322, 38.8334, 49.0835



83.5392, 81.0009, 92.6620



44.0377, 34.7430, 79.9866



17.6349, 16.9348, 19.4765



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.



50.6322, 38.8334, 49.0835



58.8459, 41.6349, 53.5386



47.0729, 37.7674, 29.2373



14.6559, 14.4796, 16.3884



20.0528, 10.1553, 9.1731



1.5284, 0.7691, 0.9231

Inverse Universe

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



50.6322, 38.8334, 49.0835



58.8459, 41.6349, 53.5386



53.2211, 67.5565, 85.8363



14.6559, 14.4796, 16.3884



20.0528, 10.1553, 9.1731



1.5284, 0.7691, 0.9231

Previews

White Background



This preview shows how the XYZ color 50.6311, 38.8316, 49.0827 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 50.6311, 38.8316, 49.0827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

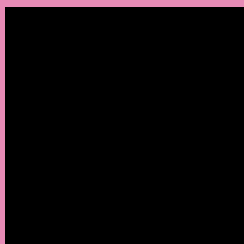
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.6311, 38.8316, 49.0827

Background



This preview shows how black text looks on a background with the XYZ color 50.6311, 38.8316, 49.0827.



This preview shows how white text looks on a background with the XYZ color 50.6311, 38.8316,

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

50.6311, 38.8316, 49.0827

Protanopia

38.7595, 39.0196, 60.1323

Deuteranopia

39.9555, 39.1120, 47.5630



Tritanopia

47.8846, 38.8071, 35.9771

Trichromacy



Original Color

50.6311, 38.8316, 49.0827



Protanomaly

41.7638, 38.0663, 55.5984



Deuteranomaly

43.2455, 38.5080, 47.8013



Tritanomaly

48.7776, 38.7206, 40.5003

Monochromacy



Original Color

50.6311, 38.8316, 49.0827



Achromatopsia

38.7082, 40.7240, 44.3485



Achromatomaly

42.1283, 39.2289, 45.9090

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6311, 38.8316, 49.0827 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(231, 139, 182)` looks like.

```
.text, #text, p{  
    color:rgb(231, 139, 182)  
}
```

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(231, 139, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 139, 182) }
```

Border

The CSS property to change the border of an element to XYZ 50.6311, 38.8316, 49.0827 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(231, 139, 182) }
```


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

```
.border{ border-color:rgb(231, 139, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 139, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 139, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 139, 182);  
box-shadow:4px 4px 4px 4px rgb(231, 139,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6311, 38.8316, 49.0827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 139, 182) }
```

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

```
.background{ background-color: rgb(231,  
139, 182) }
```

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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