

Converting Colors

XYZ(51.4274, 38.1472, 39.0853)

Have a look what the booklet for
XYZ(51.4274, 38.1472, 39.0853)
contains.

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Color

**XYZ(51.6163, 38.2966,
39.3218)**

Conversions

Conversions Part 1

Format	Color
Hex	F285A3
RGB	242, 133, 163
RGB Percent	95%, 52%, 64%
CMY	0.0510, 0.4784, 0.3608
CMYK	0.00, 0.45, 0.33, 0.05
HSL	343°, 81%, 74%
HSV	343°, 45%, 95%
XYZ	51.6163, 38.2966, 39.3218
YIQ	169.0110, 55.3340, 32.4380

Conversions

Conversions Part 2

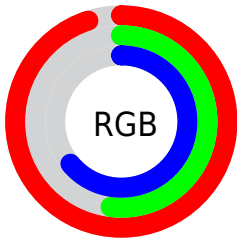
Format	Color
RYB	242, 133, 163
Decimal	15893923
CIELab	68.24, 44.83, 2.81
CIElCh	68, 44.921, 3.591
Yxy	38.2966, 0.3994, 0.2963
Android (android.graphics.Color)	4294084003 (0xFFFF285A3)
YUV	169.0110, -2.9634, 64.0114
Hunter-Lab	61.8842, 40.5855, 5.6456

Details

The XYZ color **51.6163, 38.2966, 39.3218** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **53.3105, 73.2452, 73.6192**, and the grayscale version is **37.7136, 39.6776, 43.2089**.

A 20% lighter version of the original color is **71.8781, 62.2884, 74.5641**, and **25.2663, 16.9523, 16.9794** is the 20% darker color. If you saturate the color by 10%, you get **47.2124, 31.8319, 30.6304**, and if you desaturate by 10%, it is **57.0034, 46.3786, 49.4172**.

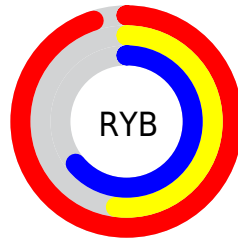
Distribution



Red (95%)

Green (52%)

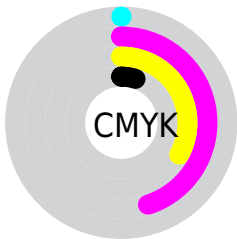
Blue (64%)



Red (95%)

Yellow (52%)

Blue (64%)

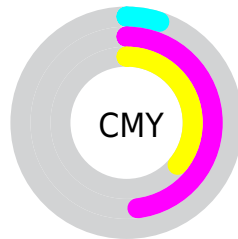


Cyan (0%)

Magenta (45%)

Yellow (33%)

Black (5%)



Cyan (5%)


Magenta (48%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.6163, 38.2966, 39.3218 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 51.6163, 38.2966, 39.3218 by changing the saturation by 10% instead.


 51.6163, 38.2966,
39.3218


 51.6163, 38.2966,
39.3218


383.3018,
338.8906, 358.7234


 36.9224, 26.2130,
26.7004


 91.7427, 72.5625,
75.3554

 25.3208, 16.9830,
17.1179

 117.9059, 95.5136,
99.6047

 16.4462, 10.2224,
10.1557


 148.6228,
122.8560, 128.5671

 9.9333, 5.5467,
5.3954

184.2589,
154.9740, 162.6610

 5.4167, 2.5714,
2.4183

225.1795,
192.2520, 202.3051

 2.5310, 0.9123,
0.7964

271.7500,

 0.9109, 0.0000,

235.0746, 247.9178

0.0000

324.3356,
283.8260, 299.9177

■ 0.0000, 0.0000,
0.0000

■ 51.6163, 38.2966,
39.3218

■ 51.6163, 38.2966,
39.3218

■ 47.2124, 31.8319,
30.6304

■ 57.0034, 46.3786,
49.4172

■ 43.7266, 26.8689,
23.2761

■ 63.4271, 56.1716,
60.9746

■ 41.0904, 23.2858,
17.1894

■ 70.9405, 67.7690,
74.0515

■ 39.2238, 20.9390,
12.2930

■ 79.5922, 81.2558,
88.7013

■ 38.0298, 19.6525,
8.4993

■ 89.4276, 96.7114,
104.9750

■ 37.6190, 19.2777,
6.9852

■ 90.4280, 97.6173,
108.6837

Harmonies

Analogous

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



49.8899, 38.2966, 61.3831



51.6163, 38.2966, 39.3218



48.8531, 38.2966, 23.7464

Triad

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



51.6163, 38.2966, 39.3218



29.4253, 38.2966, 17.0593



30.7155, 38.2966, 86.8374

Complementary

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



51.6163, 38.2966, 39.3218



53.3105, 73.2452, 73.6192

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.



26.2660, 38.2966, 66.9765



51.6163, 38.2966, 39.3218



25.5911, 38.2966, 26.7485

Square

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



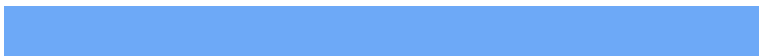
51.6163, 38.2966, 39.3218



35.5602, 38.2966, 13.7769



24.5129, 38.2966, 44.1691



37.2525, 38.2966, 93.4596

Rectangle

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



51.6163, 38.2966, 39.3218



45.0216, 38.2966, 17.6679



24.5129, 38.2966, 44.1691



28.9555, 38.2966, 81.2309

Sweetspot

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



51.6173, 38.2985, 39.3225



80.8101, 77.7438, 84.9667



51.3134, 37.0541, 88.4521



16.8760, 15.9877, 17.4644



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.



51.6173, 38.2985, 39.3225



53.5690, 36.4257, 35.3033



52.8452, 44.5571, 28.0078



15.9515, 15.8303, 17.3009



20.2586, 10.3759, 4.0124



1.7259, 0.8794, 0.5473

Inverse Universe

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



51.6173, 38.2985, 39.3225



53.5690, 36.4257, 35.3033



50.8723, 61.7405, 93.2403



15.9515, 15.8303, 17.3009



20.2586, 10.3759, 4.0124



1.7259, 0.8794, 0.5473

Previews

White Background



This preview shows how the XYZ color 51.6163, 38.2966, 39.3218 looks on a white background.

Color Contrast Check

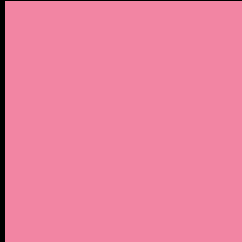
Large Text (above 18pt) WCAG AA × Fail

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 51.6163, 38.2966, 39.3218 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 51.6163, 38.2966, 39.3218

Background



This preview shows how black text looks on a background with the XYZ color 51.6163, 38.2966, 39.3218.



This preview shows how white text looks on a background with the XYZ color 51.6163, 38.2966,

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

51.6163, 38.2966, 39.3218

Protanopia

37.5968, 38.6492, 49.7344

Deuteranopia

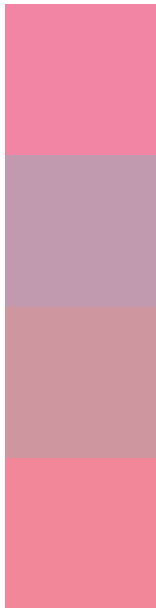
39.1661, 38.3975, 37.6949



Tritanopia

49.9276, 38.2089, 31.9377

Trichromacy



Original Color

51.6163, 38.2966, 39.3218

Protanomaly

41.2858, 37.5438, 45.6281

Deuteranomaly

42.8654, 37.7931, 38.2933

Tritanomaly

50.6071, 38.2957, 34.4303

Monochromacy



Original Color

51.6163, 38.2966, 39.3218

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

41.6285, 38.3027, 41.7583

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6163, 38.2966, 39.3218 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(242, 133, 163)` looks like.

```
.text, #text, p{  
    color:rgb(242, 133, 163)  
}
```

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(242, 133, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 133, 163) }
```

Border

The CSS property to change the border of an element to XYZ 51.6163, 38.2966, 39.3218 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(242, 133, 163) }
```


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

```
.border{ border-color:rgb(242, 133, 163) }
```

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

Here you see how a box with a 4 pixel rgb(242, 133, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 133, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 133, 163);  
box-shadow:4px 4px 4px 4px rgb(242, 133,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6163, 38.2966, 39.3218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 133, 163) }
```

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

```
.background{ background-color: rgb(242,  
133, 163) }
```

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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