

Converting Colors

XYZ(57.9100, 38.8861, 55.9308)

Have a look what the booklet for
XYZ(57.9100, 38.8861, 55.9308)
contains.

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Color

**XYZ(57.9277, 38.8749,
56.0802)**

Conversions

Conversions Part 1

Format	Color
Hex	FF79C3
RGB	255, 121, 195
RGB Percent	100%, 47%, 76%
CMY	0.0000, 0.5255, 0.2353
CMYK	0.00, 0.53, 0.24, 0.00
HSL	327°, 100%, 74%
HSV	327°, 53%, 100%
XYZ	57.9277, 38.8749, 56.0802
YIQ	169.5020, 56.1100, 51.4220

Conversions

Conversions Part 2

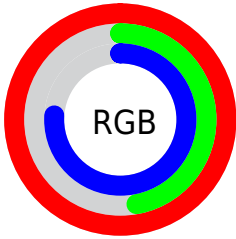
Format	Color
RYB	255, 121, 195
Decimal	16742851
CIELab	68.66, 59.01, -14.35
CIElCh	69, 60.726, 346.331
Yxy	38.8749, 0.3789, 0.2543
Android (android.graphics.Color)	4294932931 (0xFFFF79C3)
YUV	169.5020, 12.5705, 74.9817
Hunter-Lab	62.3497, 56.7282, -9.6833

Details

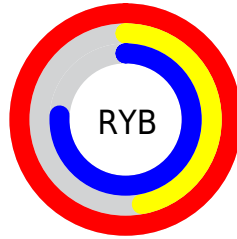
The XYZ color **57.9277, 38.8749, 56.0802** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **51.9874, 78.9220, 56.2132**, and the grayscale version is **37.8822, 39.8550, 43.4021**.

A 20% lighter version of the original color is **74.5328, 59.7326, 99.6967**, and **29.2037, 17.3058, 27.0004** is the 20% darker color. If you saturate the color by 10%, you get **53.9861, 32.9793, 48.6384**, and if you desaturate by 10%, it is **62.7889, 46.4512, 64.3165**.

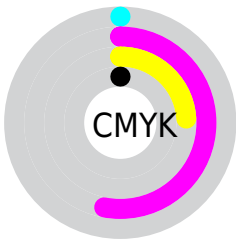
Distribution



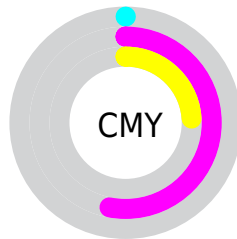
- Red (100%)
- Green (47%)
- Blue (76%)



- Red (100%)
- Yellow (47%)
- Blue (76%)



- Cyan (0%)
- Magenta (53%)
- Yellow (24%)
- Black (0%)





- Cyan (0%)
- Magenta (53%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.9277, 38.8749, 56.0802 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 57.9277, 38.8749, 56.0802 by changing the saturation by 10% instead.


 57.9277, 38.8749,
56.0802


 57.9277, 38.8749,
56.0802


406.8747,
341.3583, 427.3905


 41.9936, 26.6624,
39.8628

 100.9411, 73.4472,
100.6088

 29.2873, 17.3199,
27.1186


 128.7511, 96.5758,
129.7571

 19.4437, 10.4628,
17.4291


 161.2505,
124.1118, 164.0527

 12.0972, 5.7069,
10.3757

198.8045,
156.4398, 203.9143

 6.8826, 2.6677,
5.5399

241.7786,
193.9440, 249.7603

 3.4345, 0.9608,
2.5032

290.5381,

 1.3875, 0.0000,

237.0089, 302.0093

0.8418

345.4483,
286.0189, 361.0799

■ 0.2473, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9277, 38.8749,
56.0802

■ 57.9277, 38.8749,
56.0802

■ 53.9861, 32.9793,
48.6384

■ 62.7889, 46.4512,
64.3165

■ 50.8928, 28.6261,
41.9553

■ 68.6276, 55.8214,
73.3758

■ 48.5703, 25.6636,
35.9943

■ 75.5003, 67.0948,
83.2875

■ 46.9240, 23.9064,
30.7121

■ 83.4583, 80.3708,
94.0787

■ 46.0340, 23.1776,
27.1750

■ 92.5490, 95.7415,
105.7747

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



51.9629, 38.8749, 90.2885



57.9277, 38.8749, 56.0802



57.6290, 38.8749, 29.1436

Triad

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



57.9277, 38.8749, 56.0802



32.0016, 38.8749, 9.1776



25.6198, 38.8749, 93.1940

Complementary

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



57.9277, 38.8749, 56.0802



51.9874, 78.9220, 56.2132

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.



21.9238, 38.8749, 58.9880



57.9277, 38.8749, 56.0802



25.1482, 38.8749, 15.3255

Square

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



57.9277, 38.8749, 56.0802



41.4823, 38.8749, 8.9503



21.7676, 38.8749, 31.0309



32.7594, 38.8749, 117.2076

Rectangle

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



57.9277, 38.8749, 56.0802



53.8912, 38.8749, 18.1104



21.7676, 38.8749, 31.0309



23.9921, 38.8749, 81.9742

Sweetspot

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



57.9287, 38.8767, 56.0809



80.5839, 75.5531, 90.2505



43.4951, 30.4887, 98.2002



16.8952, 15.5820, 18.8399



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.



57.9287, 38.8767, 56.0809



53.8278, 32.7494, 48.3189



52.1035, 36.5467, 25.4062



18.4292, 18.1550, 20.8774



24.1302, 12.1414, 14.6018



2.4045, 1.2042, 1.7117

Inverse Universe

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



57.9287, 38.8767, 56.0809



53.8278, 32.7494, 48.3189



60.2911, 82.2434, 99.9397



18.4292, 18.1550, 20.8774



24.1302, 12.1414, 14.6018



2.4045, 1.2042, 1.7117

Previews

White Background



This preview shows how the XYZ color 57.9277, 38.8749, 56.0802 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 57.9277, 38.8749, 56.0802 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 57.9277, 38.8749, 56.0802

Background



This preview shows how black text looks on a background with the XYZ color 57.9277, 38.8749, 56.0802.



This preview shows how white text looks on a background with the XYZ color 57.9277, 38.8749,

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

57.9277, 38.8749, 56.0802

Protanopia

40.1262, 39.3427, 77.4305

Deuteranopia

39.8535, 38.9392, 52.9925



Tritanopia

52.5581, 38.7795, 30.3063

Trichromacy



Original Color

57.9277, 38.8749, 56.0802



Protanomaly

44.1584, 37.5378, 69.2081



Deuteranomaly

44.8957, 37.7788, 54.2160



Tritanomaly

54.2971, 38.7070, 38.3276

Monochromacy



Original Color

57.9277, 38.8749, 56.0802



Achromatopsia

38.2080, 40.1978, 43.7754



Achromatomaly

43.4523, 38.1287, 47.7172

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9277, 38.8749, 56.0802 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(255, 121, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 121, 195)  
}
```

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(255, 121, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 121, 195) }
```

Border

The CSS property to change the border of an element to XYZ 57.9277, 38.8749, 56.0802 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(255, 121, 195) }
```


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

```
.border{ border-color:rgb(255, 121, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 121, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 121, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 121, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 121,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9277, 38.8749, 56.0802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 121, 195) }
```

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

```
.background{ background-color: rgb(255,  
121, 195) }
```

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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