

Converting Colors

XYZ(57.6016, 38.0436, 56.5240)

Have a look what the booklet for
XYZ(57.6016, 38.0436, 56.5240)
contains.

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Color

**XYZ(57.5651, 37.9681,
56.5191)**

Conversions

Conversions Part 1

Format	Color
Hex	FF75C4
RGB	255, 117, 196
RGB Percent	100%, 46%, 77%
CMY	0.0000, 0.5411, 0.2314
CMYK	0.00, 0.54, 0.23, 0.00
HSL	326°, 100%, 73%
HSV	326°, 54%, 100%
XYZ	57.5651, 37.9681, 56.5191
YIQ	167.2680, 56.8890, 53.8250

Conversions

Conversions Part 2

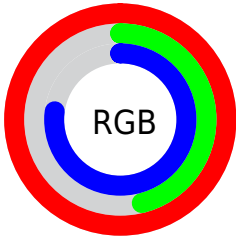
Format	Color
R_{YB}	255, 117, 196
Decimal	16741828
CIE _{Lab}	68.00, 60.98, -15.91
CIE _{LCh}	68, 63.021, 345.376
Yxy	37.9681, 0.3786, 0.2497
Android (android.graphics.Color)	4294931908 (0xFFFF75C4)
YUV	167.2680, 14.1649, 76.9410
Hunter-Lab	61.6183, 58.9266, -11.2507

Details

The XYZ color **57.5651, 37.9681, 56.5191** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **50.9343, 78.4373, 53.5332**, and the grayscale version is **36.7761, 38.6914, 42.1349**.

A 20% lighter version of the original color is **74.1057, 58.6240, 100.3383**, and **29.0040, 16.7868, 27.3027** is the 20% darker color. If you saturate the color by 10%, you get **53.7919, 32.3362, 49.3596**, and if you desaturate by 10%, it is **62.2393, 45.2576, 64.4248**.

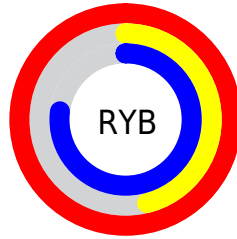
Distribution



Red (100%)

Green (46%)

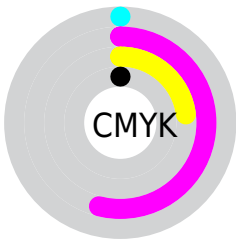
Blue (77%)



Red (100%)

Yellow (46%)

Blue (77%)

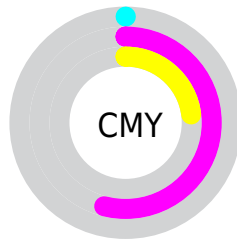


Cyan (0%)

Magenta (54%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (54%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.5651, 37.9681, 56.5191 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 57.5651, 37.9681, 56.5191 by changing the saturation by 10% instead.


 57.5651, 37.9681,
56.5191


 57.5651, 37.9681,
56.5191


405.5435,
337.4831, 429.0880


 41.7010, 25.9579,
40.2125


 100.4159, 72.0592,
101.2565

 29.0573, 16.7922,
27.3892


 128.1333, 94.9090,
130.5244

 19.2687, 10.0864,
17.6307


 160.5325,
122.1408, 164.9497

 11.9698, 5.4563,
10.5185

197.9789,
154.1389, 204.9512

 6.7951, 2.5174,
5.6340

240.8379,
191.2878, 250.9472

 3.3795, 0.8853,
2.5587

289.4747,

 1.3575, 0.0000,

233.9719, 303.3563

0.8710

344.2548,
282.5755, 362.5970

■ 0.2256, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.5651, 37.9681,
56.5191

■ 57.5651, 37.9681,
56.5191

■ 53.7919, 32.3362,
49.3596

■ 62.2393, 45.2576,
64.4248

■ 50.8477, 28.2209,
42.9116

■ 67.8735, 54.3198,
73.1041

■ 48.6531, 25.4669,
37.1393

■ 74.5245, 65.2656,
82.5852

■ 47.1104, 23.8817,
32.0002

■ 82.2439, 78.1951,
92.8941

■ 46.4263, 23.3345,
29.2404

■ 91.0796, 93.2016,
104.0548

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.



51.2300, 37.9681, 92.0217



57.5651, 37.9681, 56.5191



57.4779, 37.9681, 28.6186

Triad

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



57.5651, 37.9681, 56.5191



31.3180, 37.9681, 8.0834



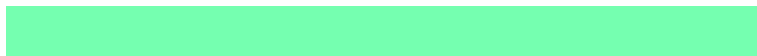
24.4026, 37.9681, 92.8772

Complementary

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



57.5651, 37.9681, 56.5191



50.9343, 78.4373, 53.5332

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.



20.7964, 37.9681, 57.3651



57.5651, 37.9681, 56.5191



24.2683, 37.9681, 13.8375

Square

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



57.5651, 37.9681, 56.5191



41.0576, 37.9681, 8.0219



20.7521, 37.9681, 29.1568



31.5357, 37.9681, 118.6362

Rectangle

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



57.5651, 37.9681, 56.5191



53.7369, 37.9681, 17.3065



20.7521, 37.9681, 29.1568



22.7997, 37.9681, 81.1181

Sweetspot

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



57.5660, 37.9699, 56.5198



80.7046, 75.6014, 90.8861



41.9803, 29.0010, 97.9929



16.9240, 15.5935, 18.9914



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.



57.5660, 37.9699, 56.5198



53.4989, 31.9127, 48.7605



51.5319, 35.5562, 24.7444



18.4452, 18.1614, 20.9615



24.3350, 12.2233, 15.6806



2.4242, 1.2120, 1.8150

Inverse Universe

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



57.5660, 37.9699, 56.5198



53.4989, 31.9127, 48.7605



59.3505, 81.8038, 97.8526



18.4452, 18.1614, 20.9615



24.3350, 12.2233, 15.6806



2.4242, 1.2120, 1.8150

Previews

White Background



This preview shows how the XYZ color 57.5651, 37.9681, 56.5191 looks on a white background.

Color Contrast Check

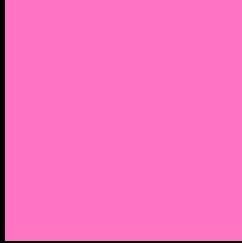
Large Text (above 18pt) WCAG AA × Fail

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 57.5651, 37.9681, 56.5191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

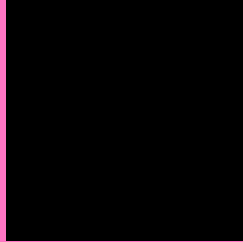
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.5651, 37.9681, 56.5191

Background



This preview shows how black text looks on a background with the XYZ color 57.5651, 37.9681, 56.5191.



This preview shows how white text looks on a background with the XYZ color 57.5651, 37.9681,

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

57.5651, 37.9681, 56.5191

Protanopia

39.4509, 38.4111, 79.4635

Deuteranopia

39.1189, 38.2854, 53.4722



Tritanopia

51.9348, 37.8886, 29.0021

Trichromacy



Original Color

57.5651, 37.9681, 56.5191



Protanomaly

43.2078, 36.3163, 70.3781



Deuteranomaly

44.1504, 36.9201, 54.6685



Tritanomaly

53.8237, 37.9007, 37.7365

Monochromacy



Original Color

57.5651, 37.9681, 56.5191



Achromatopsia

36.7301, 38.6429, 42.0822



Achromatomaly

42.3365, 36.8514, 47.0011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5651, 37.9681, 56.5191 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, 117, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 117, 196)  
}
```

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, 117, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 117, 196) }
```

Border

The CSS property to change the border of an element to XYZ 57.5651, 37.9681, 56.5191 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, 117, 196) }
```


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

```
.border{ border-color:rgb(255, 117, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 117, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 117, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 117, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 117,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5651, 37.9681, 56.5191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 117, 196) }
```

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

```
.background{ background-color: rgb(255,  
117, 196) }
```

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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