

Converting Colors

XYZ(61.0732, 39.4381, 56.6105)

Have a look what the booklet for
XYZ(61.0732, 39.4381, 56.6105)
contains.

XYZ(57.3345, 37.5070, 56.4423)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.3345, 37.5070,
56.4423)**

Conversions

Conversions Part 1

Format	Color
Hex	FF73C4
RGB	255, 115, 196
RGB Percent	100%, 45%, 77%
CMY	0.0000, 0.5490, 0.2314
CMYK	0.00, 0.55, 0.23, 0.00
HSL	325°, 100%, 73%
HSV	325°, 55%, 100%
XYZ	57.3345, 37.5070, 56.4423
YIQ	166.0940, 57.4390, 54.8710

Conversions

Conversions Part 2

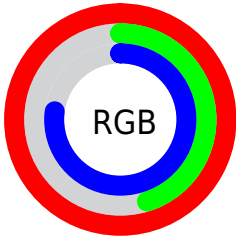
Format	Color
R _Y B	255, 115, 196
Decimal	16741316
CIE Lab	67.66, 61.89, -16.43
CIE LCh	68, 64.028, 345.134
Yxy	37.5070, 0.3790, 0.2479
Android (android.graphics.Color)	4294931396 (0xFFFF73C4)
YUV	166.0940, 14.7437, 77.9706
Hunter-Lab	61.2430, 59.9331, -11.7724

Details

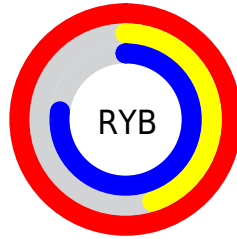
The XYZ color **57.3345, 37.5070, 56.4423** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **50.4719, 78.2216, 52.4861**, and the grayscale version is **36.2038, 38.0892, 41.4792**.

A 20% lighter version of the original color is **73.7221, 57.8569, 100.2104**, and **28.8513, 16.4814, 27.2518** is the 20% darker color. If you saturate the color by 10%, you get **53.6386, 32.0031, 49.3897**, and if you desaturate by 10%, it is **61.9241, 44.6576, 64.2259**.

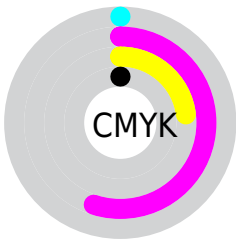
Distribution



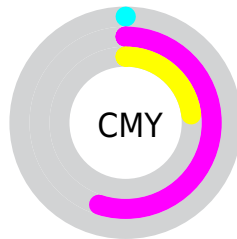
- Red (100%)
- Green (45%)
- Blue (77%)



- Red (100%)
- Yellow (45%)
- Blue (77%)



- Cyan (0%)
- Magenta (55%)
- Yellow (23%)
- Black (0%)





- Cyan (0%)
- Magenta (55%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.3345, 37.5070, 56.4423 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 57.3345, 37.5070, 56.4423 by changing the saturation by 10% instead.


 57.3345, 37.5070,
56.4423


 57.3345, 37.5070,
56.4423


404.6955,
335.5004, 428.7913

 41.5150, 25.6003,
40.1513


 100.0816, 71.3519,
101.1432

 28.9112, 16.5248,
27.3418

 127.7401, 94.0588,
130.3902

 19.1576, 9.8963,
17.5954


 160.0755,
121.1346, 164.7929

 11.8889, 5.3303,
10.4935


197.4533,
152.9637, 204.7699

 6.7397, 2.4423,
5.6175

240.2388,
189.9304, 250.7396

 3.3447, 0.8475,
2.5489

288.7975,

 1.3386, 0.0000,

232.4191, 303.1208

0.8659

343.4946,
280.8143, 362.3318

■ 0.2118, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.3345, 37.5070,
56.4423

■ 57.3345, 37.5070,
56.4423

■ 53.6386, 32.0031,
49.3897

■ 61.9241, 44.6576,
64.2259

■ 50.7633, 28.0035,
43.0337

■ 67.4665, 53.5708,
72.7677

■ 48.6286, 25.3506,
37.3386

■ 74.0189, 64.3583,
82.0958

■ 47.1349, 23.8484,
32.2616

■ 81.6331, 77.1210,
92.2356

■ 46.5482, 23.3833,
29.8828

■ 90.3573, 91.9525,
103.2112

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.



50.8739, 37.5070, 92.4765



57.3345, 37.5070, 56.4423



57.3030, 37.5070, 28.2218

Triad

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



57.3345, 37.5070, 56.4423



30.9177, 37.5070, 7.6219



23.8604, 37.5070, 92.7862

Complementary

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



57.3345, 37.5070, 56.4423



50.4719, 78.2216, 52.4861

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.



20.2801, 37.5070, 56.7469



57.3345, 37.5070, 56.4423



23.8125, 37.5070, 13.2321

Square

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



57.3345, 37.5070, 56.4423



40.7469, 37.5070, 7.6005



20.2643, 37.5070, 28.4138



30.9956, 37.5070, 119.1859

Rectangle

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



57.3345, 37.5070, 56.4423



53.5445, 37.5070, 16.8546



20.2643, 37.5070, 28.4138



22.2647, 37.5070, 80.8149

Sweetspot

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



57.3355, 37.5088, 56.4430



80.7412, 75.6160, 91.0786



41.4900, 28.4060, 97.9039



16.9327, 15.5970, 19.0374



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.



57.3355, 37.5088, 56.4430



53.2831, 31.4916, 48.6563



51.1812, 35.0471, 24.0346



18.4500, 18.1633, 20.9869



24.3987, 12.2488, 16.0159



2.4302, 1.2145, 1.8470

Inverse Universe

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



57.3355, 37.5088, 56.4430



53.2831, 31.4916, 48.6563



59.0594, 81.6566, 97.7072



18.4500, 18.1633, 20.9869



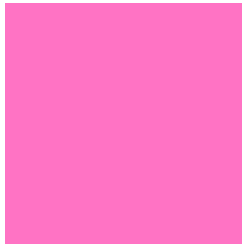
24.3987, 12.2488, 16.0159



2.4302, 1.2145, 1.8470

Previews

White Background



This preview shows how the XYZ color 57.3345, 37.5070, 56.4423 looks on a white background.

Color Contrast Check

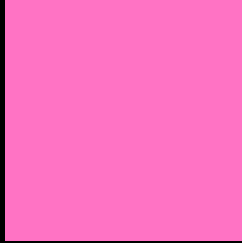
Large Text (above 18pt) WCAG AA × Fail

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 57.3345, 37.5070, 56.4423 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 57.3345, 37.5070, 56.4423

Background



This preview shows how black text looks on a background with the XYZ color 57.3345, 37.5070, 56.4423.



This preview shows how white text looks on a background with the XYZ color 57.3345, 37.5070,

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

57.3345, 37.5070, 56.4423

Protanopia

39.0572, 37.9273, 80.1251

Deuteranopia

38.5077, 37.7099, 53.3933



Tritanopia

51.3015, 37.3842, 28.1789

Trichromacy



Original Color

57.3345, 37.5070, 56.4423



Protanomaly

42.9414, 35.9340, 71.0024



Deuteranomaly

43.5751, 36.1698, 54.5540



Tritanomaly

53.0382, 37.1438, 36.7218

Monochromacy



Original Color

57.3345, 37.5070, 56.4423



Achromatopsia

36.2450, 38.1326, 41.5264



Achromatomaly

41.6582, 36.0475, 46.3572

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3345, 37.5070, 56.4423 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, 115, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 115, 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, 115, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 115, 196) }
```

Border

The CSS property to change the border of an element to XYZ 57.3345, 37.5070, 56.4423 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, 115, 196) }
```


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

```
.border{ border-color:rgb(255, 115, 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, 115, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 115, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 115, 196); box-shadow:4px 4px 4px 4px rgb(255, 115, 196) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3345, 37.5070, 56.4423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 115, 196) }
```

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

```
.background{ background-color: rgb(255,  
115, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor