

Converting Colors

XYZ(84.1850, 52.0742, 50.5939)

Have a look what the booklet for
XYZ(84.1850, 52.0742, 50.5939)
contains.

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Color

**XYZ(56.2657, 37.6358,
49.0986)**

Conversions

Conversions Part 1

Format	Color
Hex	FF76B7
RGB	255, 118, 183
RGB Percent	100%, 46%, 72%
CMY	0.0000, 0.5372, 0.2824
CMYK	0.00, 0.54, 0.28, 0.00
HSL	332°, 100%, 73%
HSV	332°, 54%, 100%
XYZ	56.2657, 37.6358, 49.0986
YIQ	166.3730, 60.7870, 49.2590

Conversions

Conversions Part 2

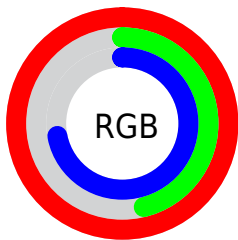
Format	Color
R _Y B	255, 118, 183
Decimal	16742071
CIE Lab	67.75, 58.83, -8.97
CIE LCh	68, 59.511, 351.332
Yxy	37.6358, 0.3935, 0.2632
Android (android.graphics.Color)	4294932151 (0xFFFF76B7)
YUV	166.3730, 8.1971, 77.7259
Hunter-Lab	61.3480, 56.3533, -4.5079

Details

The XYZ color **56.2657, 37.6358, 49.0986** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **52.5273, 79.0901, 61.2167**, and the grayscale version is **36.3682, 38.2622, 41.6675**.

A 20% lighter version of the original color is **71.9560, 57.7641, 89.0184**, and **28.2037, 16.5513, 22.8273** is the 20% darker color. If you saturate the color by 10%, you get **52.3291, 31.8897, 41.2287**, and if you desaturate by 10%, it is **61.1486, 45.0616, 57.9401**.

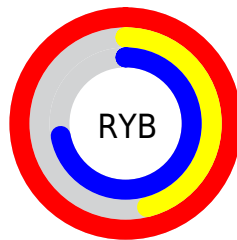
Distribution



Red (100%)

Green (46%)

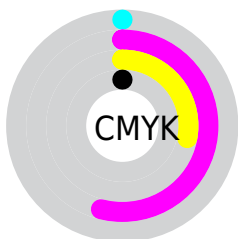
Blue (72%)



Red (100%)

Yellow (46%)

Blue (72%)

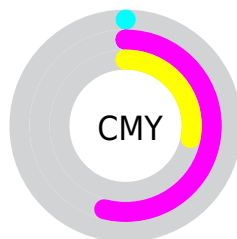


Cyan (0%)

Magenta (54%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (54%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2657, 37.6358, 49.0986 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 56.2657, 37.6358, 49.0986 by changing the saturation by 10% instead.


 56.2657, 37.6358,
49.0986


 56.2657, 37.6358,
49.0986

400.7509,
336.0551, 399.7640


 40.6538, 25.7001,
34.3315


 98.5305, 71.5496,
90.2204

 28.2352, 16.5995,
22.8690


 125.9142, 94.2965,
117.4122

 18.6444, 9.9493,
14.2924


 157.9524,
121.4159, 149.5827

 11.5161, 5.3654,
8.1833

195.0107,
153.2923, 187.1504

 6.4849, 2.4632,
4.1230

237.4543,
190.3100, 230.5338

 3.1856, 0.8581,
1.6931

285.6487,

 1.2526, 0.0000,

232.8534, 280.1515

0.3560

339.9591,
281.3070, 336.4221

■ 0.1473, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.2657, 37.6358,
49.0986

■ 56.2657, 37.6358,
49.0986

■ 52.3291, 31.8897,
41.2287

■ 61.1486, 45.0616,
57.9401

■ 49.2650, 27.6822,
34.2864

■ 67.0380, 54.2823,
67.7896

■ 46.9930, 24.8582,
28.2263

■ 73.9922, 65.4089,
78.6838

■ 45.4140, 23.2262,
22.9954

■ 82.0642, 78.5421,
90.6565

■ 44.6899, 22.6400,
20.0969

■ 91.3033, 93.7753,
103.7399

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.



51.4387, 37.6358, 81.4863



56.2657, 37.6358, 49.0986



54.9107, 37.6358, 25.1731

Triad

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



56.2657, 37.6358, 49.0986



29.7143, 37.6358, 9.5836



25.8177, 37.6358, 94.6328

Complementary

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



56.2657, 37.6358, 49.0986



52.5273, 79.0901, 61.2167

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.



21.6937, 37.6358, 62.3113



56.2657, 37.6358, 49.0986



23.6604, 37.6358, 16.7746

Square

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



56.2657, 37.6358, 49.0986



38.5046, 37.6358, 8.5270



20.9780, 37.6358, 33.8079



33.1713, 37.6358, 114.2442

Rectangle

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



56.2657, 37.6358, 49.0986



50.7680, 37.6358, 15.7991



20.9780, 37.6358, 33.8079



24.0641, 37.6358, 84.3737

Sweetspot

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



56.2667, 37.6376, 49.0993



80.1249, 75.3695, 87.8331



45.4628, 30.9703, 98.1895



16.7859, 15.5383, 18.2642



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.



56.2667, 37.6376, 49.0993



52.2326, 31.7528, 41.0237



51.2620, 36.0712, 21.4026



18.3682, 18.1306, 20.5560



23.4257, 11.8596, 10.8920



2.3356, 1.1766, 1.3488

Inverse Universe

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



56.2667, 37.6376, 49.0993



52.2326, 31.7528, 41.0237



60.5582, 81.1440, 107.0783



18.3682, 18.1306, 20.5560



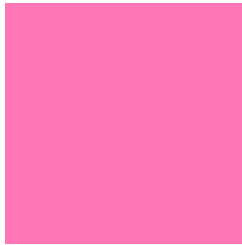
23.4257, 11.8596, 10.8920



2.3356, 1.1766, 1.3488

Previews

White Background



This preview shows how the XYZ color 56.2657, 37.6358, 49.0986 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 56.2657, 37.6358, 49.0986 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 56.2657, 37.6358, 49.0986

Background



This preview shows how black text looks on a background with the XYZ color 56.2657, 37.6358, 49.0986.



This preview shows how white text looks on a background with the XYZ color 56.2657, 37.6358,

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

56.2657, 37.6358, 49.0986

Protanopia

38.4226, 38.1273, 68.2850

Deuteranopia

38.7128, 37.9714, 46.3631



Tritanopia

52.0182, 37.7537, 28.2124

Trichromacy



Original Color

56.2657, 37.6358, 49.0986



Protanomaly

42.3296, 36.0789, 60.6100



Deuteranomaly

43.4389, 36.4846, 47.4006



Tritanomaly

53.1853, 37.4438, 34.9961

Monochromacy



Original Color

56.2657, 37.6358, 49.0986



Achromatopsia

36.2450, 38.1326, 41.5264



Achromatomaly

41.4825, 36.4792, 43.8846

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2657, 37.6358, 49.0986 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, 118, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 118, 183)  
}
```

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, 118, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 118, 183) }
```

Border

The CSS property to change the border of an element to XYZ 56.2657, 37.6358, 49.0986 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, 118, 183) }
```


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

```
.border{ border-color:rgb(255, 118, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 118, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 118, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 118, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 118,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2657, 37.6358, 49.0986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 118, 183) }
```

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

```
.background{ background-color: rgb(255,  
118, 183) }
```

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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