

Converting Colors

XYZ(57.3275, 38.5577, 53.1594)

Have a look what the booklet for
XYZ(57.3275, 38.5577, 53.1594)
contains.

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Color

**XYZ(57.3716, 38.6524,
53.1520)**

Conversions

Conversions Part 1

Format	Color
Hex	FF79BE
RGB	255, 121, 190
RGB Percent	100%, 47%, 75%
CMY	0.0000, 0.5255, 0.2549
CMYK	0.00, 0.53, 0.25, 0.00
HSL	329°, 100%, 74%
HSV	329°, 53%, 100%
XYZ	57.3716, 38.6524, 53.1520
YIQ	168.9320, 57.7150, 49.8670

Conversions

Conversions Part 2

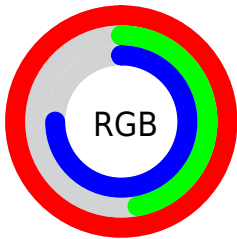
Format	Color
R_{YB}	255, 121, 190
Decimal	16742846
CIE _{Lab}	68.50, 58.34, -11.79
CIE _{LCh}	68, 59.522, 348.576
Yxy	38.6524, 0.3846, 0.2591
Android (android.graphics.Color)	4294932926 (0xFFFF79BE)
YUV	168.9320, 10.3865, 75.4816
Hunter-Lab	62.1711, 55.9209, -7.1692

Details

The XYZ color **57.3716, 38.6524, 53.1520** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **52.5098, 79.1309, 58.9643**, and the grayscale version is **37.6100, 39.5686, 43.0902**.

A 20% lighter version of the original color is **73.5967, 59.3581, 94.7671**, and **28.9113, 17.1888, 25.4609** is the 20% darker color. If you saturate the color by 10%, you get **53.3769, 32.7356, 45.4307**, and if you desaturate by 10%, it is **62.3019, 46.2564, 61.7522**.

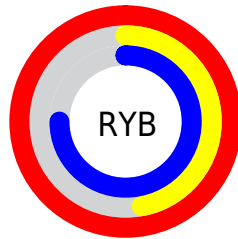
Distribution



Red (100%)

Green (47%)

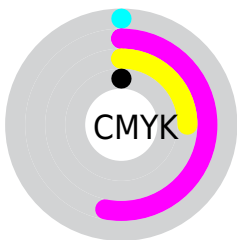
Blue (75%)



Red (100%)

Yellow (47%)

Blue (75%)

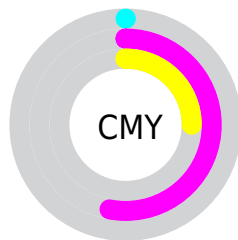


Cyan (0%)

Magenta (53%)

Yellow (25%)

Black (0%)



Cyan (0%)

Magenta (53%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3716, 38.6524, 53.1520 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 57.3716, 38.6524, 53.1520 by changing the saturation by 10% instead.

57.3716, 38.6524,
53.1520

57.3716, 38.6524,
53.1520

404.8320,
340.4104, 415.9508

41.5450, 26.4894,
37.5356

100.1354, 73.1070,
96.2718

28.9347, 17.1901,
25.3234

127.8033, 96.1674,
124.6123

19.1755, 10.3701,
16.0970

160.1490,
123.6291, 158.0312

11.9019, 5.6451,
9.4377

197.5379,
155.8765, 196.9470

6.7486, 2.6305,
4.9271

240.3353,
193.2939, 241.7784

3.3503, 0.9420,
2.1465

288.9065,

1.3416, 0.0000,

236.2657, 292.9437

0.6433

343.6170,
285.1764, 350.8617

■ 0.2140, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.3716, 38.6524,
53.1520

■ 57.3716, 38.6524,
53.1520

■ 53.3769, 32.7356,
45.4307

■ 62.3019, 46.2564,
61.7522

■ 50.2459, 28.3673,
38.5491

■ 68.2263, 55.6608,
71.2630

■ 47.9004, 25.3957,
32.4670

■ 75.2020, 66.9754,
81.7170

■ 46.2451, 23.6348,
27.1374

■ 83.2807, 80.2997,
93.1440

■ 45.3571, 22.9069,
23.6106

■ 92.5106, 95.7259,
105.5723

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.



51.9661, 38.6524, 86.2716



57.3716, 38.6524, 53.1520



56.5924, 38.6524, 27.6992

Triad

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



57.3716, 38.6524, 53.1520



31.2937, 38.6524, 9.6814



26.0632, 38.6524, 93.8243

Complementary

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



57.3716, 38.6524, 53.1520



52.5098, 79.1309, 58.9643

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.



22.1730, 38.6524, 60.7500



57.3716, 38.6524, 53.1520



24.8197, 38.6524, 16.3511

Square

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



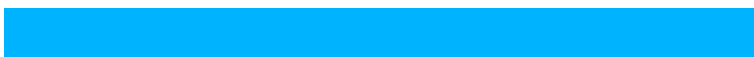
57.3716, 38.6524, 53.1520



40.4222, 38.6524, 9.0695



21.7603, 38.6524, 32.6733



33.2847, 38.6524, 115.5984

Rectangle

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



57.3716, 38.6524, 53.1520



52.6946, 38.6524, 17.4193



21.7603, 38.6524, 32.6733



24.3793, 38.6524, 83.1410

Sweetspot

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



57.3726, 38.6542, 53.1527



80.3627, 75.4646, 89.0855



45.0822, 31.3069, 98.2745



16.8425, 15.5609, 18.5623



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.



57.3726, 38.6542, 53.1527



53.2166, 32.5049, 45.1005



51.6685, 36.3726, 23.1153



18.3999, 18.1433, 20.7228



23.7759, 11.9997, 12.7363



2.3702, 1.1905, 1.5309

Inverse Universe

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



57.3726, 38.6542, 53.1527



53.2166, 32.5049, 45.1005



61.3387, 82.6625, 105.4564



18.3999, 18.1433, 20.7228



23.7759, 11.9997, 12.7363



2.3702, 1.1905, 1.5309

Previews

White Background



This preview shows how the XYZ color 57.3716, 38.6524, 53.1520 looks on a white background.

Color Contrast Check

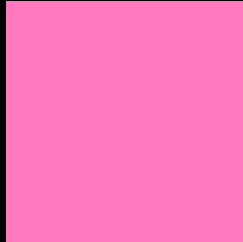
Large Text (above 18pt) WCAG AA × Fail

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 57.3716, 38.6524, 53.1520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

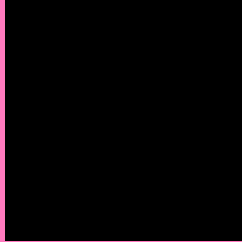
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.3716, 38.6524, 53.1520

Background



This preview shows how black text looks on a background with the XYZ color 57.3716, 38.6524, 53.1520.



This preview shows how white text looks on a background with the XYZ color 57.3716, 38.6524,

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

57.3716, 38.6524, 53.1520

Protanopia

39.6914, 39.2120, 73.1869

Deuteranopia

39.5489, 38.8434, 50.2128



Tritanopia

52.3484, 38.4797, 29.8676

Trichromacy



Original Color

57.3716, 38.6524, 53.1520



Protanomaly

43.6502, 37.3633, 65.2328



Deuteranomaly

44.6297, 37.7041, 51.3798



Tritanomaly

53.9923, 38.3774, 37.3628

Monochromacy



Original Color

57.3716, 38.6524, 53.1520



Achromatopsia

37.7116, 39.6755, 43.2066



Achromatomaly

42.9835, 37.9102, 46.6469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3716, 38.6524, 53.1520 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, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 121, 190)  
}
```

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, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 121, 190) }
```

Border

The CSS property to change the border of an element to XYZ 57.3716, 38.6524, 53.1520 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, 190) }
```


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

```
.border{ border-color:rgb(255, 121, 190) }
```

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, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 121, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 121, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 121,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3716, 38.6524, 53.1520 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, 190) }
```

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

```
.background{ background-color: rgb(255,  
121, 190) }
```

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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