

Converting Colors

XYZ(76.1333, 48.3331, 52.7126)

Have a look what the booklet for
XYZ(76.1333, 48.3331, 52.7126)
contains.

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Color

**XYZ(57.1545, 38.5656,
52.0085)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF79BC |
| RGB | 255, 121, 188 |
| RGB Percent | 100%, 47%, 74% |
| CMY | 0.0000, 0.5255, 0.2627 |
| CMYK | 0.00, 0.53, 0.26, 0.00 |
| HSL | 330°, 100%, 74% |
| HSV | 330°, 53%, 100% |
| XYZ | 57.1545, 38.5656, 52.0085 |
| YIQ | 168.7040, 58.3570, 49.2450 |

Conversions

Conversions Part 2

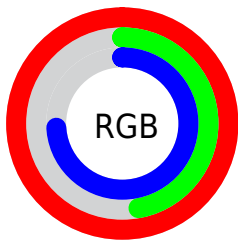
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 255, 121, 188 |
| Decimal | 16742844 |
| CIE Lab | 68.44, 58.08, -10.76 |
| CIE LCh | 68, 59.070, 349.504 |
| Yxy | 38.5656, 0.3869, 0.2611 |
| Android (android.graphics.Color) | 4294932924 (0xFFFF79BC) |
| YUV | 168.7040, 9.5129, 75.6816 |
| Hunter-Lab | 62.1012, 55.6044, -6.1833 |

Details

The XYZ color **57.1545, 38.5656, 52.0085** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **52.7240, 79.2166, 60.0922**, and the grayscale version is **37.5015, 39.4545, 42.9660**.

A 20% lighter version of the original color is **73.2913, 59.2359, 93.1588**, and **28.7691, 17.1320, 24.7122** is the 20% darker color. If you saturate the color by 10%, you get **53.1405, 32.6411, 44.1860**, and if you desaturate by 10%, it is **62.1107, 46.1799, 60.7451**.

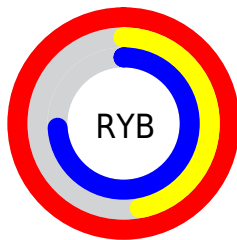
Distribution



Red (100%)

Green (47%)

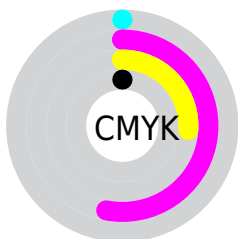
Blue (74%)



Red (100%)

Yellow (47%)

Blue (74%)

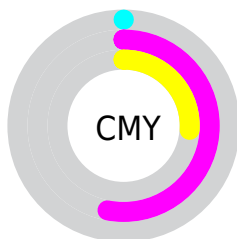


Cyan (0%)

Magenta (53%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (53%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.1545, 38.5656, 52.0085 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 57.1545, 38.5656, 52.0085 by changing the saturation by 10% instead.

 57.1545, 38.5656,
52.0085

 57.1545, 38.5656,
52.0085


404.0328,
340.0401, 411.4273


 41.3699, 26.4220,
36.6296


 99.8206, 72.9742,
94.5705

 28.7972, 17.1396,
24.6273


 127.4329, 96.0080,
122.5906

 19.0710, 10.3341,
15.5831

 159.7185,
123.4406, 155.6615

 11.8259, 5.6210,
9.0785

197.0427,
155.6565, 194.2018

 6.6966, 2.6160,
4.6949

239.7708,
193.0399, 238.6300

 3.3177, 0.9347,
2.0138

288.2683,

 1.3239, 0.0000,

235.9754, 289.3646

0.5637

342.9006,
284.8473, 346.8242

■ 0.2010, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.1545, 38.5656,
52.0085

■ 57.1545, 38.5656,
52.0085

■ 53.1405, 32.6411,
44.1860

■ 62.1107, 46.1799,
60.7451

■ 49.9967, 28.2677,
37.2368

■ 68.0680, 55.5975,
70.4291

■ 47.6445, 25.2933,
31.1193

■ 75.0838, 66.9282,
81.0944

■ 45.9882, 23.5321,
25.7847

■ 83.2101, 80.2715,
92.7720

■ 45.1031, 22.8052,
22.2727

■ 92.4953, 95.7199,
105.4916

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.



51.9720, 38.5656, 84.7008



57.1545, 38.5656, 52.0085



56.1846, 38.5656, 27.1331

Triad

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



57.1545, 38.5656, 52.0085



31.0136, 38.5656, 9.8882



26.2437, 38.5656, 94.0896

Complementary

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



57.1545, 38.5656, 52.0085



52.7240, 79.2166, 60.0922

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.



22.2742, 38.5656, 61.4735



57.1545, 38.5656, 52.0085



24.6892, 38.5656, 16.7755

Square

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



57.1545, 38.5656, 52.0085



40.0040, 38.5656, 9.1169



21.7578, 38.5656, 33.3509



33.4992, 38.5656, 114.9707

Rectangle

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



57.1545, 38.5656, 52.0085



52.2233, 38.5656, 17.1462



21.7578, 38.5656, 33.3509



24.5368, 38.5656, 83.6223

Sweetspot

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



57.1555, 38.5674, 52.0092



80.2747, 75.4294, 88.6223



45.6282, 31.5884, 98.3000



16.8215, 15.5525, 18.4520



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.



57.1555, 38.5674, 52.0092



52.9795, 32.4100, 43.8519



51.5299, 36.3172, 22.3856



18.3882, 18.1386, 20.6612



23.6427, 11.9464, 12.0348



2.3571, 1.1852, 1.4620

Inverse Universe

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



57.1555, 38.5674, 52.0092



52.9795, 32.4100, 43.8519



61.6962, 82.8055, 107.3391



18.3882, 18.1386, 20.6612



23.6427, 11.9464, 12.0348



2.3571, 1.1852, 1.4620

Previews

White Background



This preview shows how the XYZ color 57.1545, 38.5656, 52.0085 looks on a white background.

Color Contrast Check

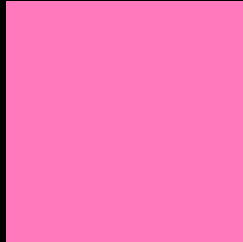
Large Text (above 18pt) WCAG AA × Fail

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 57.1545, 38.5656, 52.0085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

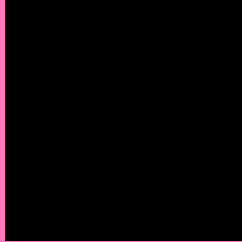
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.1545, 38.5656, 52.0085

Background



This preview shows how black text looks on a background with the XYZ color 57.1545, 38.5656, 52.0085.



This preview shows how white text looks on a background with the XYZ color 57.1545, 38.5656,

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

57.1545, 38.5656, 52.0085

Protanopia

39.2469, 38.7445, 71.7396

Deuteranopia

39.5691, 38.8777, 49.1347



Tritanopia

52.6336, 38.6353, 29.4942

Trichromacy



Original Color

57.1545, 38.5656, 52.0085



Protanomaly

43.2451, 36.9470, 63.8837



Deuteranomaly

44.4185, 37.6196, 50.2676



Tritanomaly

53.8201, 38.3085, 36.4559

Monochromacy



Original Color

57.1545, 38.5656, 52.0085



Achromatopsia

37.7116, 39.6755, 43.2066



Achromatomaly

42.8841, 37.8704, 46.1238

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1545, 38.5656, 52.0085 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 121, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 121, 188) }
```

Border

The CSS property to change the border of an element to XYZ 57.1545, 38.5656, 52.0085 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, 188) }
```


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

```
.border{ border-color:rgb(255, 121, 188) }
```

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, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 121, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 121, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 121,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1545, 38.5656, 52.0085 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, 188) }
```

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

```
.background{ background-color: rgb(255,  
121, 188) }
```

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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