

Converting Colors

XYZ(84.1696, 52.2249, 55.0768)

Have a look what the booklet for
XYZ(84.1696, 52.2249, 55.0768)
contains.

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Color

**XYZ(57.3604, 38.4545,
53.6895)**

Conversions

Conversions Part 1

Format	Color
Hex	FF78BF
RGB	255, 120, 191
RGB Percent	100%, 47%, 75%
CMY	0.0000, 0.5294, 0.2510
CMYK	0.00, 0.53, 0.25, 0.00
HSL	328°, 100%, 74%
HSV	328°, 53%, 100%
XYZ	57.3604, 38.4545, 53.6895
YIQ	168.4590, 57.6690, 50.7010

Conversions

Conversions Part 2

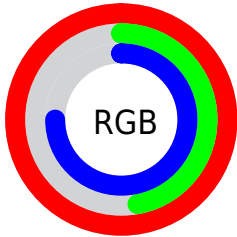
Format	Color
R _Y B	255, 120, 191
Decimal	16742591
CIE Lab	68.35, 58.94, -12.57
CIE LCh	68, 60.263, 347.963
Yxy	38.4545, 0.3837, 0.2572
Android (android.graphics.Color)	4294932671 (0xFFFF78BF)
YUV	168.4590, 11.1127, 75.8965
Hunter-Lab	62.0117, 56.5908, -7.9249

Details

The XYZ color **57.3604, 38.4545, 53.6895** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **52.1592, 78.9746, 57.8456**, and the grayscale version is **37.3735, 39.3198, 42.8193**.

A 20% lighter version of the original color is **73.5538, 59.0261, 95.5121**, and **28.9265, 17.1039, 25.8215** is the 20% darker color. If you saturate the color by 10%, you get **53.4157, 32.6070, 46.0793**, and if you desaturate by 10%, it is **62.2334, 45.9823, 62.1517**.

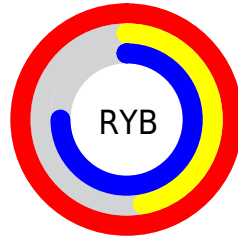
Distribution



Red (100%)

Green (47%)

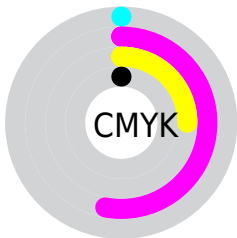
Blue (75%)



Red (100%)

Yellow (47%)

Blue (75%)

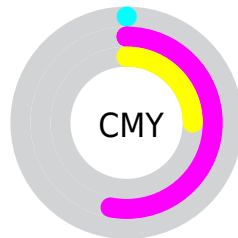


Cyan (0%)

Magenta (53%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (53%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.3604, 38.4545, 53.6895 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 57.3604, 38.4545, 53.6895 by changing the saturation by 10% instead.


 57.3604, 38.4545,
53.6895


 57.3604, 38.4545,
53.6895


404.7908,
339.5657, 418.0660


 41.5359, 26.3356,
37.9620

 100.1192, 72.8042,
97.0700

 28.9276, 17.0749,
25.6516


 127.7842, 95.8039,
125.5601

 19.1701, 10.2879,
16.3397

 160.1268,
123.1993, 159.1414

 11.8980, 5.5903,
9.6079

197.5124,
155.3747, 198.2325

 6.7459, 2.5976,
5.0376

240.3062,
192.7147, 243.2520

 3.3486, 0.9254,
2.2102

288.8736,

 1.3407, 0.0000,

235.6036, 294.6184

0.6803

343.5800,
284.4258, 352.7502

■ 0.2134, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.3604, 38.4545,
53.6895

■ 57.3604, 38.4545,
53.6895

■ 53.4157, 32.6070,
46.0793

■ 62.2334, 45.9823,
62.1517

■ 50.3272, 28.3006,
39.2830

■ 68.0932, 55.3042,
71.4969

■ 48.0164, 25.3825,
33.2613

■ 74.9969, 66.5301,
81.7567

■ 46.3874, 23.6652,
27.9681

■ 82.9963, 79.7597,
92.9600

■ 45.5505, 22.9842,
24.6287

■ 92.1394, 95.0856,
105.1344

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.



51.7771, 38.4545, 87.2858



57.3604, 38.4545, 53.6895



56.7062, 38.4545, 27.7828

Triad

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



57.3604, 38.4545, 53.6895



31.2267, 38.4545, 9.3109



25.6813, 38.4545, 93.6430

Complementary

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



57.3604, 38.4545, 53.6895



52.1592, 78.9746, 57.8456

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.



21.8446, 38.4545, 60.0604



57.3604, 38.4545, 53.6895



24.6456, 38.4545, 15.7944

Square

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



57.3604, 38.4545, 53.6895



40.4723, 38.4545, 8.8091



21.5014, 38.4545, 31.9272



32.8894, 38.4545, 116.1876

Rectangle

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



57.3604, 38.4545, 53.6895



52.8317, 38.4545, 17.3209



21.5014, 38.4545, 31.9272



24.0125, 38.4545, 82.7415

Sweetspot

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



57.3614, 38.4564, 53.6902



80.4277, 75.4906, 89.4280



44.2967, 30.7225, 98.2031



16.8580, 15.5671, 18.6438



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.



57.3614, 38.4564, 53.6902



53.0484, 32.0791, 45.3198



51.6276, 36.1628, 23.4964



18.4085, 18.1467, 20.7683



23.8772, 12.0402, 13.2697



2.3801, 1.1944, 1.5829

Inverse Universe

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



57.3614, 38.4564, 53.6902



53.0484, 32.0791, 45.3198



60.8406, 82.4472, 103.5615



18.4085, 18.1467, 20.7683



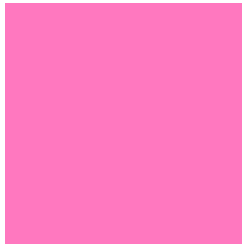
23.8772, 12.0402, 13.2697



2.3801, 1.1944, 1.5829

Previews

White Background



This preview shows how the XYZ color 57.3604, 38.4545, 53.6895 looks on a white background.

Color Contrast Check

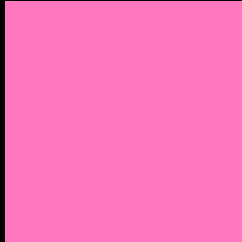
Large Text (above 18pt) WCAG AA × Fail

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 57.3604, 38.4545, 53.6895 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 57.3604, 38.4545, 53.6895

Background



This preview shows how black text looks on a background with the XYZ color 57.3604, 38.4545, 53.6895.



This preview shows how white text looks on a background with the XYZ color 57.3604, 38.4545,

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

57.3604, 38.4545, 53.6895

Protanopia

39.4024, 38.7635, 74.5126

Deuteranopia

39.2513, 38.4153, 50.6935



Tritanopia

52.2743, 38.4500, 29.4774

Trichromacy



Original Color

57.3604, 38.4545, 53.6895



Protanomaly

43.4916, 37.0169, 66.4807



Deuteranomaly

44.3052, 37.2927, 51.8768



Tritanomaly

53.9923, 38.3774, 37.3628

Monochromacy



Original Color

57.3604, 38.4545, 53.6895



Achromatopsia

37.2190, 39.1572, 42.6422



Achromatomaly

42.7225, 37.5472, 46.0699

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3604, 38.4545, 53.6895 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, 120, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 120, 191)  
}
```

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, 120, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 120, 191) }
```

Border

The CSS property to change the border of an element to XYZ 57.3604, 38.4545, 53.6895 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, 120, 191) }
```


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

```
.border{ border-color:rgb(255, 120, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 120, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 120, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 120, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 120,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3604, 38.4545, 53.6895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 120, 191) }
```

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

```
.background{ background-color: rgb(255,  
120, 191) }
```

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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