

Converting Colors

XYZ(86.0501, 52.3426, 63.0068)

Have a look what the booklet for
XYZ(86.0501, 52.3426, 63.0068)
contains.

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Color

**XYZ(58.3845, 38.1104,
61.4056)**

Conversions

Conversions Part 1

Format	Color
Hex	FF74CC
RGB	255, 116, 204
RGB Percent	100%, 45%, 80%
CMY	0.0000, 0.5451, 0.2000
CMYK	0.00, 0.55, 0.20, 0.00
HSL	322°, 100%, 73%
HSV	322°, 55%, 100%
XYZ	58.3845, 38.1104, 61.4056
YIQ	167.5930, 54.5960, 56.8360

Conversions

Conversions Part 2

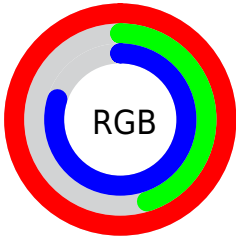
Format	Color
R _Y B	255, 116, 204
Decimal	16741580
CIE _{Lab}	68.10, 62.53, -20.24
CIE _{LCh}	68, 65.718, 342.066
Y _{xy}	38.1104, 0.3698, 0.2414
Android (android.graphics.Color)	4294931660 (0xFFFF74CC)
YUV	167.5930, 17.9487, 76.6559
Hunter-Lab	61.7336, 60.7823, -15.7614

Details

The XYZ color **58.3845, 38.1104, 61.4056** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **49.9391, 78.0238, 48.9904**, and the grayscale version is **36.9176, 38.8402, 42.2969**.

A 20% lighter version of the original color is **74.2336, 58.3671, 101.9612**, and **29.5238, 16.8302, 30.5466** is the 20% darker color. If you saturate the color by 10%, you get **54.7492, 32.5823, 54.8225**, and if you desaturate by 10%, it is **62.8955, 45.2819, 68.6141**.

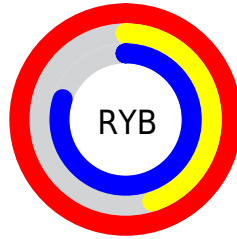
Distribution



Red (100%)

Green (45%)

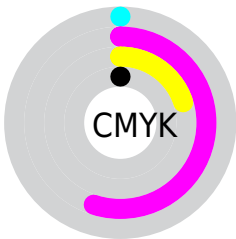
Blue (80%)



Red (100%)

Yellow (45%)

Blue (80%)

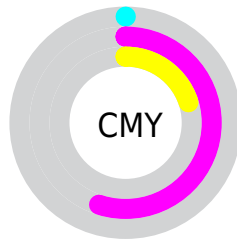


Cyan (0%)

Magenta (55%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (55%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3845, 38.1104, 61.4056 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 58.3845, 38.1104, 61.4056 by changing the saturation by 10% instead.

58.3845, 38.1104,
61.4056

58.3845, 38.1104,
61.4056

408.5479,
338.0933, 447.7073

42.3623, 26.0684,
44.1199

101.6023, 72.2773,
108.4292

29.5774, 16.8748,
30.4269

129.5287, 95.1710,
139.0043

19.6645, 10.1453,
19.9080

162.1537,
122.4507, 174.8461

12.2583, 5.4954,
12.1448

199.8429,
154.5008, 216.3734

6.9933, 2.5407,
6.7186

242.9616,
191.7058, 264.0046

3.5042, 0.8970,
3.2110

291.8751,

1.4257, 0.0000,

234.4499, 318.1583

1.2034

346.9488,
283.1176, 379.2530

■ 0.2744, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.3845, 38.1104,
61.4056

■ 58.3845, 38.1104,
61.4056

■ 54.7492, 32.5823,
54.8225

■ 62.8955, 45.2819,
68.6141

■ 51.9181, 28.5564,
48.8339

■ 68.3407, 54.2124,
76.4719

■ 49.8120, 25.8764,
43.4079

■ 74.7767, 65.0126,
85.0037

■ 48.3329, 24.3486,
38.5058

■ 82.2543, 77.7830,
94.2319

■ 47.7115, 23.8486,
36.0084

■ 90.8210, 92.6166,
104.1776

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.



51.0898, 38.1104, 99.0531



58.3845, 38.1104, 61.4056



59.1049, 38.1104, 30.7837

Triad

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



58.3845, 38.1104, 61.4056



32.2587, 38.1104, 7.1629



23.4779, 38.1104, 91.9366

Complementary

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



58.3845, 38.1104, 61.4056



49.9391, 78.0238, 48.9904

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.



20.1713, 38.1104, 54.4426



58.3845, 38.1104, 61.4056



24.5621, 38.1104, 12.1231

Square

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



58.3845, 38.1104, 61.4056



42.6337, 38.1104, 7.6364



20.5267, 38.1104, 26.4347



30.4891, 38.1104, 121.6475

Rectangle

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



58.3845, 38.1104, 61.4056



55.6136, 38.1104, 18.1715



20.5267, 38.1104, 26.4347



21.9616, 38.1104, 79.2343

Sweetspot

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



58.3854, 38.1121, 61.4063



81.0698, 75.7475, 92.8091



40.2265, 27.9248, 97.8776



17.0112, 15.6284, 19.4506



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.



58.3854, 38.1121, 61.4063



54.5914, 32.3497, 54.5136



51.8270, 35.4888, 26.8705



18.4933, 18.1806, 21.2150



25.0047, 12.4912, 19.2069



2.4873, 1.2373, 2.1474

Inverse Universe

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



58.3854, 38.1121, 61.4063



54.5914, 32.3497, 54.5136



58.1718, 81.3169, 92.3433



18.4933, 18.1806, 21.2150



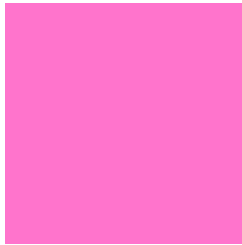
25.0047, 12.4912, 19.2069



2.4873, 1.2373, 2.1474

Previews

White Background



This preview shows how the XYZ color 58.3845, 38.1104, 61.4056 looks on a white background.

Color Contrast Check

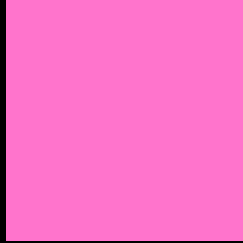
Large Text (above 18pt) WCAG AA × Fail

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 58.3845, 38.1104, 61.4056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

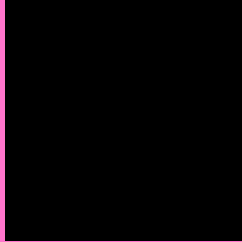
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.3845, 38.1104, 61.4056

Background



This preview shows how black text looks on a background with the XYZ color 58.3845, 38.1104, 61.4056.



This preview shows how white text looks on a background with the XYZ color 58.3845, 38.1104,

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

58.3845, 38.1104, 61.4056

Protanopia

40.0108, 38.5337, 86.9903

Deuteranopia

39.0326, 38.1510, 57.5312



Tritanopia

51.7832, 37.9985, 29.4161

Trichromacy



Original Color

58.3845, 38.1104, 61.4056



Protanomaly

43.6896, 36.4257, 76.6797



Deuteranomaly

44.2536, 36.6537, 58.7753



Tritanomaly

53.7281, 37.8208, 39.1187

Monochromacy



Original Color

58.3845, 38.1104, 61.4056



Achromatopsia

37.2190, 39.1572, 42.6422



Achromatomaly

42.9074, 37.1104, 48.6176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3845, 38.1104, 61.4056 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, 116, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 116, 204)  
}
```

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, 116, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 116, 204) }
```

Border

The CSS property to change the border of an element to XYZ 58.3845, 38.1104, 61.4056 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, 116, 204) }
```


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

```
.border{ border-color:rgb(255, 116, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 116, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 116, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 116, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 116,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3845, 38.1104, 61.4056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 116, 204) }
```

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

```
.background{ background-color: rgb(255,  
116, 204) }
```

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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