

Converting Colors

XYZ(59.6651, 41.6161, 58.9208)

Have a look what the booklet for
XYZ(59.6651, 41.6161, 58.9208)
contains.

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Color

**XYZ(59.6651, 41.6161,
58.9208)**

Conversions

Conversions Part 1

Format	Color
Hex	FF83C7
RGB	255, 131, 199
RGB Percent	100%, 51%, 78%
CMY	0.0000, 0.4862, 0.2196
CMYK	0.00, 0.49, 0.22, 0.00
HSL	327°, 100%, 76%
HSV	327°, 49%, 100%
XYZ	59.6651, 41.6161, 58.9208
YIQ	175.8280, 52.0760, 47.4360

Conversions

Conversions Part 2

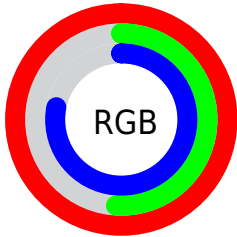
Format	Color
R_{YB}	255, 131, 199
Decimal	16745415
CIE _{Lab}	70.61, 54.82, -13.66
CIE _{LCh}	71, 56.495, 346.008
Yxy	41.6161, 0.3724, 0.2598
Android (android.graphics.Color)	4294935495 (0xFFFF83C7)
YUV	175.8280, 11.4238, 69.4338
Hunter-Lab	64.5105, 52.1993, -8.9952

Details

The XYZ color **59.6651, 41.6161, 58.9208** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **54.0914, 79.9340, 59.5951**, and the grayscale version is **41.1019, 43.2424, 47.0909**.

A 20% lighter version of the original color is **77.0603, 64.0206, 102.9034**, and **30.4602, 18.9490, 28.8402** is the 20% darker color. If you saturate the color by 10%, you get **55.3649, 35.0754, 51.1381**, and if you desaturate by 10%, it is **64.9111, 49.8864, 67.5191**.

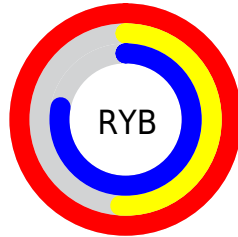
Distribution



Red (100%)

Green (51%)

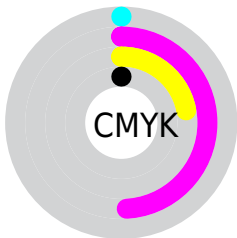
Blue (78%)



Red (100%)

Yellow (51%)

Blue (78%)

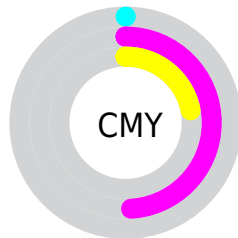


Cyan (0%)

Magenta (49%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (49%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.6651, 41.6161, 58.9208 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 59.6651, 41.6161, 58.9208 by changing the saturation by 10% instead.


 59.6651, 41.6161,
58.9208


 59.6651, 41.6161,
58.9208


413.2168,
352.8890, 438.3021

 43.3972, 28.8008,
42.1298


 103.4528, 77.6183,
104.7905

 30.3927, 18.9302,
28.8766


 131.7033,
101.5739, 134.7063

 20.2864, 11.6198,
18.7427


 164.6787,
130.0119, 169.8341

 12.7129, 6.4854,
11.3096

202.7444,
163.3164, 210.5925

 7.3068, 3.1424,
6.1587

246.2657,
201.8720, 257.3999

 3.7027, 1.2065,
2.8715

295.6079,

 1.5354, 0.0670,

246.0631, 310.6749

1.0294

351.1365,
296.2740, 370.8361

■ 0.3497, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.6651, 41.6161,
58.9208

■ 59.6651, 41.6161,
58.9208

■ 55.3649, 35.0754,
51.1381

■ 64.9111, 49.8864,
67.5191

■ 51.9424, 30.1316,
44.1357

■ 71.1587, 59.9945,
76.9607

■ 49.3245, 26.6424,
37.8786

■ 78.4626, 72.0464,
87.2747

■ 47.4239, 24.4368,
32.3258

■ 86.8726, 86.1384,
98.4877

■ 46.1169, 23.2717,
27.4238

95.0500, 100.0000,
108.9000

■ 45.9614, 23.1485,
26.7924

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



53.9329, 41.6161, 91.2456



59.6651, 41.6161, 58.9208



59.4502, 41.6161, 32.5576

Triad

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



59.6651, 41.6161, 58.9208



34.8061, 41.6161, 11.6747



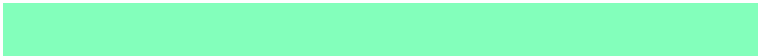
28.3466, 41.6161, 93.3015

Complementary

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



59.6651, 41.6161, 58.9208



54.0914, 79.9340, 59.5951

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.



24.6819, 41.6161, 61.0280



59.6651, 41.6161, 58.9208



27.9903, 41.6161, 18.1552

Square

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



59.6651, 41.6161, 58.9208



44.0578, 41.6161, 11.4861



24.5626, 41.6161, 33.9801



35.3696, 41.6161, 115.7838

Rectangle

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



59.6651, 41.6161, 58.9208



55.9334, 41.6161, 21.3027



24.5626, 41.6161, 33.9801



26.7333, 41.6161, 82.7746

Sweetspot

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



59.6661, 41.6180, 58.9216



81.3807, 76.9138, 91.2339



46.6128, 33.9945, 98.7126



17.0518, 15.8498, 19.0319



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.



59.6661, 41.6180, 58.9216



55.6072, 35.4359, 51.6011



53.8874, 39.3065, 28.4914



18.4262, 18.1538, 20.8614



24.0922, 12.1262, 14.4018



2.4009, 1.2027, 1.6925

Inverse Universe

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



59.6661, 41.6180, 58.9216



55.6072, 35.4359, 51.6011



62.1889, 83.1729, 102.2356



18.4262, 18.1538, 20.8614



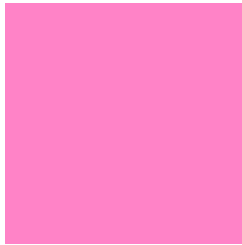
24.0922, 12.1262, 14.4018



2.4009, 1.2027, 1.6925

Previews

White Background



This preview shows how the XYZ color 59.6651, 41.6161, 58.9208 looks on a white background.

Color Contrast Check

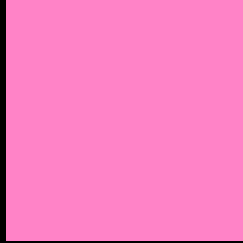
Large Text (above 18pt) WCAG AA × Fail

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 59.6651, 41.6161, 58.9208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

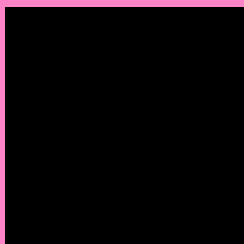
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.6651, 41.6161, 58.9208

Background



This preview shows how black text looks on a background with the XYZ color 59.6651, 41.6161, 58.9208.



This preview shows how white text looks on a background with the XYZ color 59.6651, 41.6161,

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

59.6651, 41.6161, 58.9208

Protanopia

42.5286, 41.9410, 78.5270

Deuteranopia

42.6843, 41.6793, 56.2473



Tritanopia

54.5351, 41.6081, 34.4350

Trichromacy



Original Color

59.6651, 41.6161, 58.9208



Protanomaly

46.4052, 40.1241, 70.9446



Deuteranomaly

47.5841, 40.7927, 56.9956



Tritanomaly

56.1584, 41.4139, 42.0796

Monochromacy



Original Color

59.6651, 41.6161, 58.9208



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

46.3994, 41.5814, 50.9279

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6651, 41.6161, 58.9208 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, 131, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 131, 199)  
}
```

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, 131, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 131, 199) }
```

Border

The CSS property to change the border of an element to XYZ 59.6651, 41.6161, 58.9208 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, 131, 199) }
```


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

```
.border{ border-color:rgb(255, 131, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 131, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 131, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 131, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 131,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6651, 41.6161, 58.9208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 131, 199) }
```

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

```
.background{ background-color: rgb(255,  
131, 199) }
```

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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