

Converting Colors

XYZ(58.5097, 45.5335, 57.0865)

Have a look what the booklet for
XYZ(58.5097, 45.5335, 57.0865)
contains.

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Color

**XYZ(58.5731, 45.4858,
57.3223)**

Conversions

Conversions Part 1

Format	Color
Hex	F597C3
RGB	245, 151, 195
RGB Percent	96%, 59%, 76%
CMY	0.0392, 0.4078, 0.2353
CMYK	0.00, 0.38, 0.20, 0.04
HSL	332°, 82%, 78%
HSV	332°, 38%, 96%
XYZ	58.5731, 45.4858, 57.3223
YIQ	184.1220, 41.9000, 33.6120

Conversions

Conversions Part 2

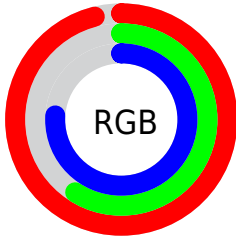
Format	Color
R _Y B	245, 151, 195
Decimal	16095171
CIE Lab	73.21, 40.96, -7.68
CIE LCh	73, 41.676, 349.380
Yxy	45.4858, 0.3629, 0.2819
Android (android.graphics.Color)	4294285251 (0xFFFF597C3)
YUV	184.1220, 5.3629, 53.3900
Hunter-Lab	67.4432, 36.9983, -3.1824

Details

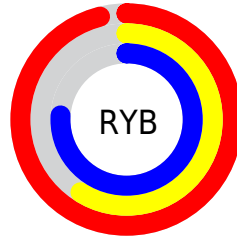
The XYZ color **58.5731, 45.4858, 57.3223** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **55.9595, 76.1023, 67.0017**, and the grayscale version is **45.5836, 47.9575, 52.2257**.

A 20% lighter version of the original color is **81.1235, 72.9139, 101.8936**, and **29.6689, 21.2232, 27.7321** is the 20% darker color. If you saturate the color by 10%, you get **53.6223, 37.8401, 48.7165**, and if you desaturate by 10%, it is **64.4744, 54.8257, 66.8804**.

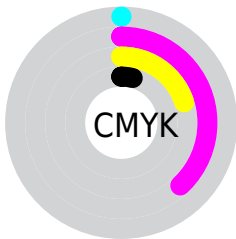
Distribution



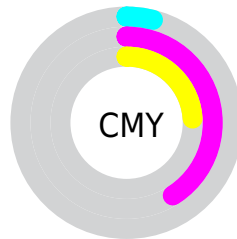
- Red (96%)
- Green (59%)
- Blue (76%)



- Red (96%)
- Yellow (59%)
- Blue (76%)



- Cyan (0%)
- Magenta (38%)
- Yellow (20%)
- Black (4%)




- Cyan (4%)
- Magenta (41%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.5731, 45.4858, 57.3223 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 58.5731, 45.4858, 57.3223 by changing the saturation by 10% instead.


 58.5731, 45.4858,
57.3223

 58.5731, 45.4858,
57.3223


409.2376,
368.7375, 432.1834

 42.5146, 31.8402,
40.8530


 101.8751, 83.4489,
102.4403

 29.6973, 21.2395,
27.8854


 129.8494,
108.5353, 131.9261

 19.7559, 13.2992,
18.0010


162.5263,
138.2040, 166.5877

 12.3250, 7.6349,
10.7812

200.2711,
172.8396, 206.8439

 7.0392, 3.8622,
5.8076

243.4493,
212.8263, 253.1129

 3.5332, 1.5968,
2.6616

292.4263,

 1.4416, 0.3554,

258.5486, 305.8135

0.9240

347.5672,
310.3909, 365.3642

■ 0.2856, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.5731, 45.4858,
57.3223

■ 58.5731, 45.4858,
57.3223

■ 53.6223, 37.8401,
48.7165

■ 64.4744, 54.8257,
66.8804

■ 49.5637, 31.7787,
41.0261

■ 71.3721, 65.9480,
77.4204

■ 46.3384, 27.1884,
34.2151

■ 79.3138, 78.9426,
88.9735

■ 43.8779, 23.9386,
28.2432

■ 88.3428, 93.8914,
101.5687

■ 42.1021, 21.8746,
23.0653

■ 91.4664, 98.1526,
108.7323

■ 40.8993, 20.7793,
18.6249

■ 40.7322, 20.6429,
17.9593

Harmonies

Analogous

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



54.8046, 45.4858, 80.6312



58.5731, 45.4858, 57.3223



57.8953, 45.4858, 37.3325

Triad

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



58.5731, 45.4858, 57.3223



38.7341, 45.4858, 20.4292



34.7118, 45.4858, 86.7995

Complementary

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



58.5731, 45.4858, 57.3223



55.9595, 76.1023, 67.0017

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.



31.2820, 45.4858, 64.1223



58.5731, 45.4858, 57.3223



33.4167, 45.4858, 27.6683

Square

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



58.5731, 45.4858, 57.3223



45.8756, 45.4858, 19.5600



30.8362, 45.4858, 42.4713



40.6937, 45.4858, 100.5679

Rectangle

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



58.5731, 45.4858, 57.3223



55.0339, 45.4858, 28.1235



30.8362, 45.4858, 42.4713



33.2523, 45.4858, 79.7110

Sweetspot

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



58.5744, 45.4879, 57.3232



83.5423, 81.0022, 92.6785



51.2538, 40.9480, 91.5890



17.6356, 16.9351, 19.4804



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.



58.5744, 45.4879, 57.3232



59.8669, 43.1836, 55.4003



54.5642, 44.2900, 34.9538



16.8219, 16.6116, 18.8089



22.0117, 11.1481, 10.0362



1.9861, 1.0004, 1.1529

Inverse Universe

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



58.5744, 45.4879, 57.3232



59.8669, 43.1836, 55.4003



61.4258, 77.5337, 98.1147



16.8219, 16.6116, 18.8089



22.0117, 11.1481, 10.0362



1.9861, 1.0004, 1.1529

Previews

White Background



This preview shows how the XYZ color 58.5731, 45.4858, 57.3223 looks on a white background.

Color Contrast Check

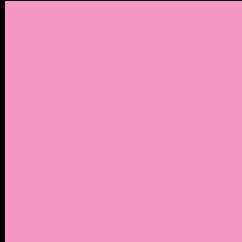
Large Text (above 18pt) WCAG AA × Fail

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 58.5731, 45.4858, 57.3223 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 58.5731, 45.4858, 57.3223

Background



This preview shows how black text looks on a background with the XYZ color 58.5731, 45.4858, 57.3223.



This preview shows how white text looks on a background with the XYZ color 58.5731, 45.4858,

57.3223.

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

58.5731, 45.4858, 57.3223

Protanopia

45.3639, 45.9285, 69.4249

Deuteranopia

46.7263, 45.7590, 55.6598



Tritanopia

55.5743, 45.4813, 42.8955

Trichromacy



Original Color

58.5731, 45.4858, 57.3223



Protanomaly

48.8817, 44.9743, 64.4971



Deuteranomaly

50.3020, 45.0753, 55.9184



Tritanomaly

56.5536, 45.3802, 47.8980

Monochromacy



Original Color

58.5731, 45.4858, 57.3223



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

49.2832, 46.2577, 53.9081

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5731, 45.4858, 57.3223 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(245, 151, 195)` looks like.

```
.text, #text, p{  
    color:rgb(245, 151, 195)  
}
```

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(245, 151, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 151, 195) }
```

Border

The CSS property to change the border of an element to XYZ 58.5731, 45.4858, 57.3223 is called "border". The border property can be set on classes, ids or directly on the HTML element.

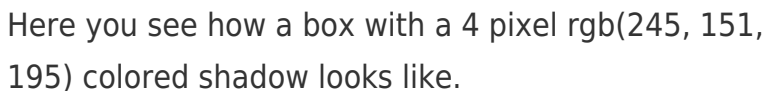
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(245, 151, 195) }
```


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

```
.border{ border-color:rgb(245, 151, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(245, 151, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 151, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 151, 195); box-shadow:4px 4px 4px 4px rgb(245, 151, 195) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5731, 45.4858, 57.3223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 151, 195) }
```

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

```
.background{ background-color: rgb(245,  
151, 195) }
```

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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