

Converting Colors

XYZ(58.5359, 45.4582, 63.2803)

Have a look what the booklet for
XYZ(58.5359, 45.4582, 63.2803)
contains.

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Color

**XYZ(58.5233, 45.5650,
63.4680)**

Conversions

Conversions Part 1

Format	Color
Hex	F198CD
RGB	241, 152, 205
RGB Percent	95%, 60%, 80%
CMY	0.0549, 0.4039, 0.1961
CMYK	0.00, 0.37, 0.15, 0.05
HSL	324°, 76%, 77%
HSV	324°, 37%, 95%
XYZ	58.5233, 45.5650, 63.4680
YIQ	184.6530, 36.0310, 35.3510

Conversions

Conversions Part 2

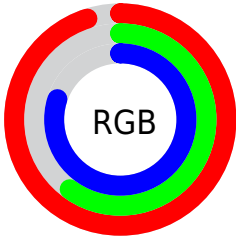
Format	Color
R _Y B	241, 152, 205
Decimal	15833293
CIE Lab	73.26, 40.62, -13.17
CIE LCh	73, 42.699, 342.038
Yxy	45.5650, 0.3493, 0.2719
Android (android.graphics.Color)	4294023373 (0xFFFF198CD)
YUV	184.6530, 10.0311, 49.4163
Hunter-Lab	67.5019, 36.6291, -8.4956

Details

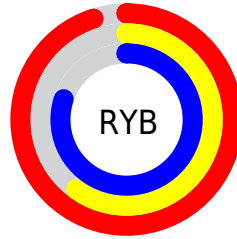
The XYZ color **58.5233, 45.5650, 63.4680** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **53.4833, 73.2182, 58.8939**, and the grayscale version is **45.8547, 48.2427, 52.5363**.

A 20% lighter version of the original color is **81.8459, 73.5918, 104.4986**, and **29.5762, 21.2253, 31.8162** is the 20% darker color. If you saturate the color by 10%, you get **53.8617, 38.0662, 56.2880**, and if you desaturate by 10%, it is **64.0556, 54.6866, 71.3010**.

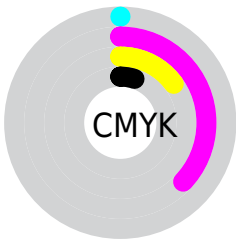
Distribution



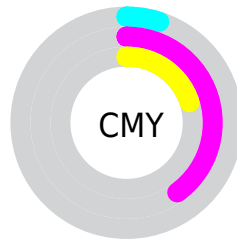
- Red (95%)
- Green (60%)
- Blue (80%)



- Red (95%)
- Yellow (60%)
- Blue (80%)



- Cyan (0%)
- Magenta (37%)
- Yellow (15%)
- Black (5%)





- Cyan (5%)
- Magenta (40%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.5233, 45.5650, 63.4680 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 58.5233, 45.5650, 63.4680 by changing the saturation by 10% instead.


 58.5233, 45.5650,
63.4680

 58.5233, 45.5650,
63.4680


409.0555,
369.0570, 455.4206

 42.4744, 31.9027,
45.7765


 101.8031, 83.5676,
111.4365

 29.6657, 21.2872,
31.7221


 129.7647,
108.6767, 142.5506

 19.7318, 13.3341,
20.8863

162.4279,
138.3702, 178.9759

 12.3073, 7.6590,
12.8505

200.1581,
173.0324, 221.1311

 7.0270, 3.8775,
7.1961

243.3206,
213.0478, 269.4346

 3.5255, 1.6053,
3.5048

292.2808,

 1.4374, 0.3612,

258.8008, 324.3050

1.3578

347.4040,
310.6757, 386.1608

■ 0.2826, 0.0000,
0.1085

■ 0.0000, 0.0000,
0.0000

■ 58.5233, 45.5650,
63.4680

■ 58.5233, 45.5650,
63.4680

■ 53.8617, 38.0662,
56.2880

■ 64.0556, 54.6866,
71.3010

■ 50.0169, 32.0865,
49.7351

■ 70.5002, 65.5139,
79.8058

■ 46.9352, 27.5201,
43.7851

■ 77.9008, 78.1317,
89.0036

■ 44.5545, 24.2445,
38.4104

■ 86.2969, 92.6172,
98.9137

■ 42.8017, 22.1165,
33.5795

■ 89.8845, 97.3604,
107.6072

■ 41.5842, 20.9528,
29.2542

■ 90.0859, 97.4409,
108.6677

■ 41.2727, 20.6996,
28.0106

Harmonies

Analogous

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



53.6987, 45.5650, 87.0361



58.5233, 45.5650, 63.4680



58.9960, 45.5650, 41.4889

Triad

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



58.5233, 45.5650, 63.4680



40.3700, 45.5650, 19.1935



33.4576, 45.5650, 82.7199

Complementary

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



58.5233, 45.5650, 63.4680



53.4833, 73.2182, 58.8939

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.



30.6815, 45.5650, 58.7329



58.5233, 45.5650, 63.4680



34.3527, 45.5650, 24.8286

Square

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



58.5233, 45.5650, 63.4680



47.9087, 45.5650, 19.7859



30.9891, 45.5650, 37.9363



39.0120, 45.5650, 100.1742

Rectangle

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



58.5233, 45.5650, 63.4680



56.7170, 45.5650, 30.7725



30.9891, 45.5650, 37.9363



32.1991, 45.5650, 74.9009

Sweetspot

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



58.5247, 45.5671, 63.4689



84.9719, 82.6814, 96.7928



47.7481, 39.4504, 88.3178



17.9420, 17.2785, 20.4128



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.



58.5247, 45.5671, 63.4689



62.6172, 45.4788, 66.1984



53.9298, 43.7292, 39.2726



16.1679, 15.9169, 18.4403



22.4496, 11.2523, 15.5502



1.9167, 0.9557, 1.5523

Inverse Universe

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



58.5247, 45.5671, 63.4689



62.6172, 45.4788, 66.1984



58.9854, 75.4190, 87.8679



16.1679, 15.9169, 18.4403



22.4496, 11.2523, 15.5502



1.9167, 0.9557, 1.5523

Previews

White Background



This preview shows how the XYZ color 58.5233, 45.5650, 63.4680 looks on a white background.

Color Contrast Check

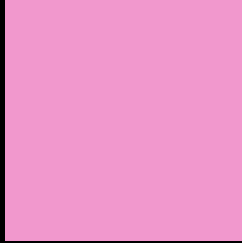
Large Text (above 18pt) WCAG AA × Fail

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 58.5233, 45.5650, 63.4680 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 58.5233, 45.5650, 63.4680

Background



This preview shows how black text looks on a background with the XYZ color 58.5233, 45.5650, 63.4680.



This preview shows how white text looks on a background with the XYZ color 58.5233, 45.5650,

63.4680.

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

58.5233, 45.5650, 63.4680

Protanopia

46.0169, 46.1140, 76.2876

Deuteranopia

46.6116, 45.5684, 61.5972



Tritanopia

54.4076, 45.3605, 43.9181

Trichromacy



Original Color

58.5233, 45.5650, 63.4680



Protanomaly

49.3476, 45.0696, 71.0641



Deuteranomaly

50.2115, 45.1671, 61.9488



Tritanomaly

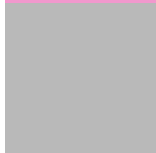
55.6956, 45.3730, 50.6221

Monochromacy



Original Color

58.5233, 45.5650, 63.4680



Achromatopsia

46.1135, 48.5150, 52.8328



Achromatomaly

49.6348, 46.6720, 56.2617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5233, 45.5650, 63.4680 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(241, 152, 205)` looks like.

```
.text, #text, p{  
    color:rgb(241, 152, 205)  
}
```

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(241, 152, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 152, 205) }
```

Border

The CSS property to change the border of an element to XYZ 58.5233, 45.5650, 63.4680 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(241, 152, 205) }
```


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

```
.border{ border-color:rgb(241, 152, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 152, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 152, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 152, 205);  
box-shadow:4px 4px 4px 4px rgb(241, 152,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5233, 45.5650, 63.4680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 152, 205) }
```

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

```
.background{ background-color: rgb(241,  
152, 205) }
```

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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