

Converting Colors

XYZ(50.8598, 30.7067, 45.8942)

Have a look what the booklet for
XYZ(50.8598, 30.7067, 45.8942)
contains.

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Color

**XYZ(50.8598, 30.7067,
45.8942)**

Conversions

Conversions Part 1

Format	Color
Hex	F95AB3
RGB	249, 90, 179
RGB Percent	98%, 35%, 70%
CMY	0.0235, 0.6470, 0.2980
CMYK	0.00, 0.64, 0.28, 0.02
HSL	326°, 93%, 66%
HSV	326°, 64%, 98%
XYZ	50.8598, 30.7067, 45.8942
YIQ	147.6870, 66.1950, 61.3870

Conversions

Conversions Part 2

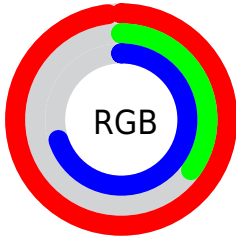
Format	Color
R _Y B	249, 90, 179
Decimal	16341683
CIE Lab	62.26, 68.60, -15.03
CIE LCh	62, 70.230, 347.646
Yxy	30.7067, 0.3990, 0.2409
Android (android.graphics.Color)	4294531763 (0xFFFF95AB3)
YUV	147.6870, 15.4373, 88.8515
Hunter-Lab	55.4136, 66.8572, -10.3151

Details

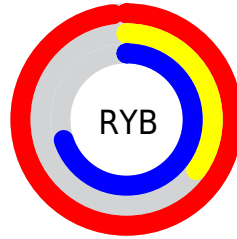
The XYZ color **50.8598, 30.7067, 45.8942** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **44.4390, 72.4641, 44.9064**, and the grayscale version is **27.9379, 29.3929, 32.0089**.

A 20% lighter version of the original color is **66.8253, 48.4380, 84.4246**, and **24.9526, 12.7261, 20.8799** is the 20% darker color. If you saturate the color by 10%, you get **48.0350, 26.7614, 39.6980**, and if you desaturate by 10%, it is **54.4777, 36.0966, 52.7903**.

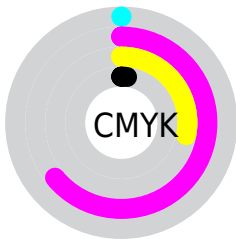
Distribution



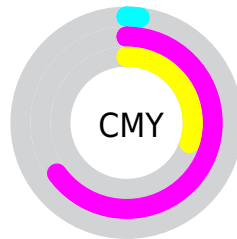
- Red (98%)
- Green (35%)
- Blue (70%)



- Red (98%)
- Yellow (35%)
- Blue (70%)



- Cyan (0%)
- Magenta (64%)
- Yellow (28%)
- Black (2%)





- Cyan (2%)
- Magenta (65%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.8598, 30.7067, 45.8942 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 50.8598, 30.7067, 45.8942 by changing the saturation by 10% instead.


 50.8598, 30.7067,
45.8942

 50.8598, 30.7067,
45.8942


380.4155,
305.1848, 386.6484

 36.3176, 20.3756,
31.8143


 90.6317, 60.7780,
85.3933

 24.8509, 12.6684,
20.9560


 116.5922, 81.2870,
111.6495

 16.0941, 7.2006,
12.9009


 147.0895,
105.9574, 142.8015

 9.6820, 3.5879,
7.2304

 182.4889,
135.1737, 179.2680

 5.2493, 1.4458,
3.5260

223.1559,
169.3202, 221.4673

 2.4305, 0.2501,
1.3691

269.4557,

 0.8604, 0.0000,

208.7812, 269.8181

0.1174

321.7538,
253.9413, 324.7390

■ 0.0000, 0.0000,
0.0000

■ 50.8598, 30.7067,
45.8942

■ 50.8598, 30.7067,
45.8942

■ 48.0350, 26.7614,
39.6980

■ 54.4777, 36.0966,
52.7903

■ 45.9251, 24.1084,
34.1647

■ 58.9512, 43.0537,
60.4160


■ 44.4393, 22.5691,
29.2539


■ 64.3394, 51.6930,
68.8007

■ 43.7546, 22.0148,
26.5121

■ 70.6952, 62.1172,
77.9711

■ 78.0673, 74.4207,
87.9524

 86.5009, 88.6915,
98.7683

 92.8771, 98.8798,
108.7983

Harmonies

Analogous

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



44.8359, 30.7067, 82.3818



50.8598, 30.7067, 45.8942



50.2316, 30.7067, 19.9744

Triad

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



50.8598, 30.7067, 45.8942



24.0013, 30.7067, 4.2804



18.5467, 30.7067, 88.7572

Complementary

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



50.8598, 30.7067, 45.8942



44.4390, 72.4641, 44.9064

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.



15.0330, 30.7067, 51.8883



50.8598, 30.7067, 45.8942



17.6809, 30.7067, 9.1540

Square

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



50.8598, 30.7067, 45.8942



33.2623, 30.7067, 3.9713



14.7548, 30.7067, 23.4623



25.4568, 30.7067, 114.7560

Rectangle

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



50.8598, 30.7067, 45.8942



46.1298, 30.7067, 10.6103



14.7548, 30.7067, 23.4623



17.0006, 30.7067, 76.5324

Sweetspot

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



50.8607, 30.7083, 45.8948



78.2477, 71.5894, 87.2867



35.0351, 21.5146, 91.9291



16.2820, 14.5470, 18.0456



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.



50.8607, 30.7083, 45.8948



49.9055, 27.1999, 39.9359



45.0538, 28.3855, 15.3158



17.6515, 17.3879, 20.0203



23.4937, 11.8132, 14.5743



2.2292, 1.1154, 1.6306

Inverse Universe

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



50.8607, 30.7083, 45.8948



49.9055, 27.1999, 39.9359



53.5847, 76.1224, 93.0671



17.6515, 17.3879, 20.0203



23.4937, 11.8132, 14.5743



2.2292, 1.1154, 1.6306

Previews

White Background



This preview shows how the XYZ color 50.8598, 30.7067, 45.8942 looks on a white background.

Color Contrast Check

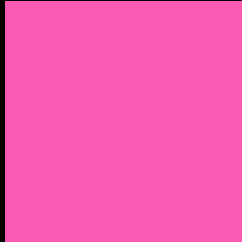
Large Text (above 18pt) WCAG AA × Fail

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 50.8598, 30.7067, 45.8942 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 50.8598, 30.7067, 45.8942

Background



This preview shows how black text looks on a background with the XYZ color 50.8598, 30.7067, 45.8942.



This preview shows how white text looks on a background with the XYZ color 50.8598, 30.7067,

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

50.8598, 30.7067, 45.8942

Protanopia

32.3934, 30.9123, 72.6660

Deuteranopia

31.4947, 30.8756, 42.8277



Tritanopia

45.4429, 30.7334, 19.1598

Trichromacy



Original Color

50.8598, 30.7067, 45.8942



Protanomaly

35.5245, 28.2929, 61.9812



Deuteranomaly

36.3360, 28.9249, 43.7123



Tritanomaly

47.0786, 30.5133, 27.0753

Monochromacy



Original Color

50.8598, 30.7067, 45.8942



Achromatopsia

28.1479, 29.6138, 32.2495



Achromatomaly

33.8550, 27.9962, 36.4204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.8598, 30.7067, 45.8942 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(249, 90, 179)` looks like.

```
.text, #text, p{  
  color:rgb(249, 90, 179)  
}
```

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(249, 90, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 90, 179) }
```

Border

The CSS property to change the border of an element to XYZ 50.8598, 30.7067, 45.8942 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(249, 90, 179) }
```


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

```
.border{ border-color:rgb(249, 90, 179) }
```

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

Here you see how a box with a 4 pixel rgb(249, 90, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 90, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 90, 179);  
box-shadow:4px 4px 4px 4px rgb(249, 90,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 50.8598, 30.7067, 45.8942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 90, 179) }
```

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

```
.background{ background-color: rgb(249, 90,  
179) }
```

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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