

Converting Colors

XYZ(57.9887, 43.3653, 51.6101)

Have a look what the booklet for
XYZ(57.9887, 43.3653, 51.6101)
contains.

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Color

**XYZ(58.1097, 43.5141,
51.7907)**

Conversions

Conversions Part 1

Format	Color
Hex	FA8FBA
RGB	250, 143, 186
RGB Percent	98%, 56%, 73%
CMY	0.0196, 0.4392, 0.2706
CMYK	0.00, 0.43, 0.26, 0.02
HSL	336°, 91%, 77%
HSV	336°, 43%, 98%
XYZ	58.1097, 43.5141, 51.7907
YIQ	179.8950, 49.9690, 36.0570

Conversions

Conversions Part 2

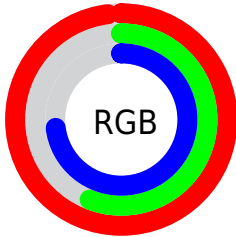
Format	Color
R _Y B	250, 143, 186
Decimal	16420794
CIE Lab	71.90, 45.48, -4.56
CIE LCh	72, 45.704, 354.268
Yxy	43.5141, 0.3788, 0.2836
Android (android.graphics.Color)	4294610874 (0xFFFA8FBA)
YUV	179.8950, 3.0098, 61.4821
Hunter-Lab	65.9652, 41.8041, -0.3742

Details

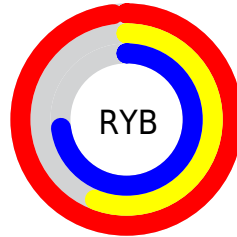
The XYZ color **58.1097, 43.5141, 51.7907** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **56.7778, 78.7169, 71.2368**, and the grayscale version is **43.2929, 45.5475, 49.6013**.

A 20% lighter version of the original color is **77.6904, 68.5177, 93.1349**, and **29.3757, 20.0821, 24.5183** is the 20% darker color. If you saturate the color by 10%, you get **53.2588, 36.2246, 42.7365**, and if you desaturate by 10%, it is **63.9656, 52.5467, 62.0017**.

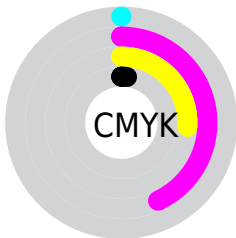
Distribution



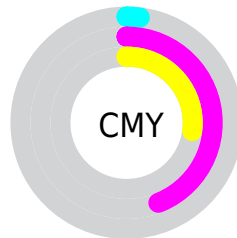
- Red (98%)
- Green (56%)
- Blue (73%)



- Red (98%)
- Yellow (56%)
- Blue (73%)



- Cyan (0%)
- Magenta (43%)
- Yellow (26%)
- Black (2%)





- Cyan (2%)
- Magenta (44%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.1097, 43.5141, 51.7907 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 58.1097, 43.5141, 51.7907 by changing the saturation by 10% instead.


 58.1097, 43.5141,
51.7907


 58.1097, 43.5141,
51.7907


407.5419,
360.7218, 410.5620

 42.1405, 30.2887,
36.4572


 101.2046, 80.4861,
94.2459

 29.4029, 20.0578,
24.4950


 129.0610,
105.0014, 122.2047

 19.5316, 12.4371,
15.4856


161.6105,
134.0489, 155.2090

 12.1613, 7.0421,
9.0105

199.2185,
168.0129, 193.6774

 6.9266, 3.4884,
4.6511

242.2502,
207.2778, 238.0283

 3.4622, 1.3917,
1.9889

291.0711,

 1.4026, 0.2106,

252.2280, 288.6803

0.5485

346.0466,
303.2478, 346.0521

■ 0.2581, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.1097, 43.5141,
51.7907

■ 58.1097, 43.5141,
51.7907

■ 53.2588, 36.2246,
42.7365

■ 63.9656, 52.5467,
62.0017

■ 49.3480, 30.5574,
34.7909

■ 70.8788, 63.4202,
73.4097

■ 46.3100, 26.3863,
27.9057

■ 78.9021, 76.2322,
86.0556

■ 44.0664, 23.5634,
22.0268

■ 88.0836, 91.0719,
99.9778

■ 42.5228, 21.9097,
17.0934

■ 93.2344, 99.0640,
108.8150

■ 41.7470, 21.2531,
14.0755

Harmonies

Analogous

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



54.7368, 43.5141, 77.0789



58.1097, 43.5141, 51.7907



56.5585, 43.5141, 31.8555

Triad

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



58.1097, 43.5141, 51.7907



35.5073, 43.5141, 18.0616



33.2196, 43.5141, 91.3873

Complementary

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



58.1097, 43.5141, 51.7907



56.7778, 78.7169, 71.2368

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.



29.1600, 43.5141, 67.2705



58.1097, 43.5141, 51.7907



30.3602, 43.5141, 26.4969

Square

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



58.1097, 43.5141, 51.7907



42.8717, 43.5141, 16.2472



28.1827, 43.5141, 43.2261



39.8820, 43.5141, 104.1062

Rectangle

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



58.1097, 43.5141, 51.7907



53.0287, 43.5141, 23.3159



28.1827, 43.5141, 43.2261



31.5405, 43.5141, 84.0390

Sweetspot

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



58.1109, 43.5162, 51.7916



82.3416, 79.4309, 89.7187



52.3716, 39.5880, 95.3237



17.2068, 16.3314, 18.5549



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.



58.1109, 43.5162, 51.7916



56.5240, 39.0972, 46.2717



55.5986, 44.7389, 31.6944



17.5336, 17.3408, 19.3997



22.2104, 11.2999, 7.8164



2.1079, 1.0669, 0.9917

Inverse Universe

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



58.1109, 43.5162, 51.7916



56.5240, 39.0972, 46.2717



60.0644, 75.7028, 101.8891



17.5336, 17.3408, 19.3997



22.2104, 11.2999, 7.8164



2.1079, 1.0669, 0.9917

Previews

White Background



This preview shows how the XYZ color 58.1097, 43.5141, 51.7907 looks on a white background.

Color Contrast Check

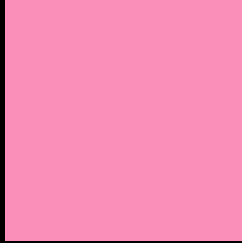
Large Text (above 18pt) WCAG AA × Fail

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 58.1097, 43.5141, 51.7907 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 58.1097, 43.5141, 51.7907

Background



This preview shows how black text looks on a background with the XYZ color 58.1097, 43.5141, 51.7907.



This preview shows how white text looks on a background with the XYZ color 58.1097, 43.5141,

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

58.1097, 43.5141, 51.7907

Protanopia

43.2651, 43.7741, 64.5614

Deuteranopia

44.6416, 43.6685, 49.7921



Tritanopia

55.2057, 43.4572, 38.2793

Trichromacy



Original Color

58.1097, 43.5141, 51.7907



Protanomaly

47.2254, 42.5973, 59.7659



Deuteranomaly

48.7327, 43.0548, 50.5417



Tritanomaly

56.1517, 43.3788, 42.9495

Monochromacy



Original Color

58.1097, 43.5141, 51.7907



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

47.4391, 43.9940, 50.2473

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1097, 43.5141, 51.7907 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(250, 143, 186)` looks like.

```
.text, #text, p{  
    color:rgb(250, 143, 186)  
}
```

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(250, 143, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 143, 186) }
```

Border

The CSS property to change the border of an element to XYZ 58.1097, 43.5141, 51.7907 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(250, 143, 186) }
```


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

```
.border{ border-color:rgb(250, 143, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 143, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 143, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 143, 186);  
box-shadow:4px 4px 4px 4px rgb(250, 143,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1097, 43.5141, 51.7907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 143, 186) }
```

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

```
.background{ background-color: rgb(250,  
143, 186) }
```

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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