

Converting Colors

XYZ(57.6450, 46.0294, 49.6053)

Have a look what the booklet for
XYZ(57.6450, 46.0294, 49.6053)
contains.

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Color

**XYZ(57.7180, 46.1914,
49.5898)**

Conversions

Conversions Part 1

Format	Color
Hex	F59BB5
RGB	245, 155, 181
RGB Percent	96%, 61%, 71%
CMY	0.0392, 0.3921, 0.2902
CMYK	0.00, 0.37, 0.26, 0.04
HSL	343°, 82%, 78%
HSV	343°, 37%, 96%
XYZ	57.7180, 46.1914, 49.5898
YIQ	184.8740, 45.2940, 27.1660

Conversions

Conversions Part 2

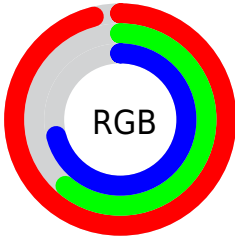
Format	Color
R_{YB}	245, 155, 181
Decimal	16096181
CIE _{Lab}	73.67, 36.90, 0.73
CIE _{LCh}	74, 36.910, 1.126
Yxy	46.1914, 0.3760, 0.3009
Android (android.graphics.Color)	4294286261 (0xFFFF59BB5)
YUV	184.8740, -1.9099, 52.7305
Hunter-Lab	67.9643, 32.6520, 4.3143

Details

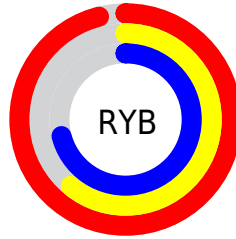
The XYZ color **57.7180, 46.1914, 49.5898** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.9582, 77.3889, 78.8519**, and the grayscale version is **46.0379, 48.4355, 52.7462**.

A 20% lighter version of the original color is **79.5727, 73.4676, 90.1075**, and **29.1412, 21.6261, 23.0604** is the 20% darker color. If you saturate the color by 10%, you get **52.3692, 38.1780, 39.5313**, and if you desaturate by 10%, it is **64.1201, 55.9530, 61.1035**.

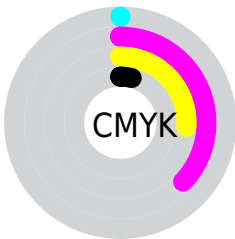
Distribution



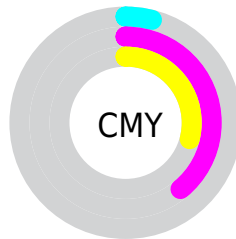
- Red (96%)
- Green (61%)
- Blue (71%)



- Red (96%)
- Yellow (61%)
- Blue (71%)



- Cyan (0%)
- Magenta (37%)
- Yellow (26%)
- Black (4%)



- Cyan (4%)
- Magenta (39%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7180, 46.1914, 49.5898 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 57.7180, 46.1914, 49.5898 by changing the saturation by 10% instead.

57.7180, 46.1914,
49.5898

57.7180, 46.1914,
49.5898

406.1051,
371.5776, 401.7487

41.8244, 32.3969,
34.7187

100.6374, 84.5054,
90.9568

29.1543, 21.6648,
23.1644

128.3939,
109.7936, 118.2899

19.3424, 13.6108,
14.5085

160.8354,
139.6819, 150.6139

12.0234, 7.8505,
8.3324

198.3272,
174.5546, 188.3475

6.8320, 3.9994,
4.2176

241.2347,
214.7961, 231.9093

3.4026, 1.6732,
1.7455

289.9233,

1.3701, 0.4062,

260.7909, 281.7177

0.3916

344.7584,
312.9232, 338.1913

■ 0.2348, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.7180, 46.1914,
49.5898

■ 57.7180, 46.1914,
49.5898

■ 52.3692, 38.1780,
39.5313

■ 64.1201, 55.9530,
61.1035

■ 48.0113, 31.8021,
30.8651

■ 71.6256, 67.5513,
74.1260

■ 44.5811, 26.9508,
23.5277

■ 80.2859, 81.0771,
88.7116

■ 42.0059, 23.4939,
17.4488

■ 90.1480, 96.6130,
104.9109

■ 40.2017, 21.2791,
12.5510

■ 91.4663, 98.1525,
108.7323

■ 39.0638, 20.1146,
8.7455

■ 38.7862, 19.8645,
7.7122

Harmonies

Analogous

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



55.8647, 46.1914, 69.7714



57.7180, 46.1914, 49.5898



55.5748, 46.1914, 33.8772

Triad

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



57.7180, 46.1914, 49.5898



37.7173, 46.1914, 25.3311



38.1057, 46.1914, 88.8933

Complementary

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



57.7180, 46.1914, 49.5898



58.9582, 77.3889, 78.8519

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.



33.9926, 46.1914, 71.3081



57.7180, 46.1914, 49.5898



33.7846, 46.1914, 34.8283

Square

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



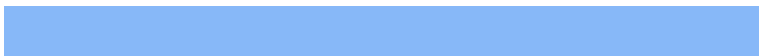
57.7180, 46.1914, 49.5898



43.6568, 46.1914, 22.1919



32.4905, 46.1914, 51.0060



44.1513, 46.1914, 95.5908

Rectangle

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



57.7180, 46.1914, 49.5898



52.2801, 46.1914, 27.1397



32.4905, 46.1914, 51.0060



36.4732, 46.1914, 83.8747

Sweetspot

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



57.7193, 46.1936, 49.5907



83.6983, 82.1720, 90.0862



57.1180, 44.9432, 92.0508



17.6390, 17.1573, 18.8175



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.



57.7193, 46.1936, 49.5907



58.7908, 43.9483, 46.0493



58.5178, 51.6684, 37.9020



16.6960, 16.5612, 18.1455



20.9466, 10.7221, 4.4272



1.8837, 0.9594, 0.6138

Inverse Universe

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



57.7193, 46.1936, 49.5907



58.7908, 43.9483, 46.0493



57.4698, 68.5008, 96.5794



16.6960, 16.5612, 18.1455



20.9466, 10.7221, 4.4272



1.8837, 0.9594, 0.6138

Previews

White Background



This preview shows how the XYZ color 57.7180, 46.1914, 49.5898 looks on a white background.

Color Contrast Check

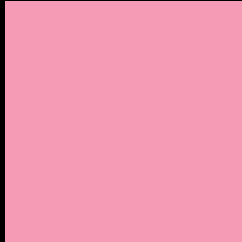
Large Text (above 18pt) WCAG AA × Fail

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 57.7180, 46.1914, 49.5898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

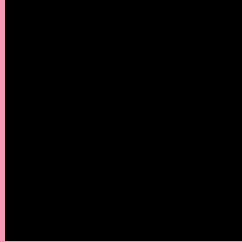
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.7180, 46.1914, 49.5898

Background



This preview shows how black text looks on a background with the XYZ color 57.7180, 46.1914, 49.5898.



This preview shows how white text looks on a background with the XYZ color 57.7180, 46.1914,

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

57.7180, 46.1914, 49.5898

Protanopia

45.1075, 46.3313, 58.7900

Deuteranopia

47.0852, 46.1136, 48.0141



Tritanopia

56.5266, 46.2116, 43.4766

Trichromacy



Original Color

57.7180, 46.1914, 49.5898



Protanomaly

48.8687, 45.7248, 55.5403



Deuteranomaly

50.3574, 45.8185, 48.3092



Tritanomaly

56.7395, 46.0272, 45.4288

Monochromacy



Original Color

57.7180, 46.1914, 49.5898



Achromatopsia

46.1135, 48.5150, 52.8328



Achromatomaly

49.5199, 46.9982, 51.8090

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7180, 46.1914, 49.5898 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, 155, 181)` looks like.

```
.text, #text, p{  
    color:rgb(245, 155, 181)  
}
```

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, 155, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 155, 181) }
```

Border

The CSS property to change the border of an element to XYZ 57.7180, 46.1914, 49.5898 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, 155, 181) }
```


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

```
.border{ border-color:rgb(245, 155, 181) }
```

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

Here you see how a box with a 4 pixel rgb(245, 155, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 155, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 155, 181);  
box-shadow:4px 4px 4px 4px rgb(245, 155,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7180, 46.1914, 49.5898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 155, 181) }
```

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

```
.background{ background-color: rgb(245,  
155, 181) }
```

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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