

Converting Colors

XYZ(56.9756, 44.5913, 49.6821)

Have a look what the booklet for
XYZ(56.9756, 44.5913, 49.6821)
contains.

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Color

**XYZ(57.0060, 44.6026,
49.8606)**

Conversions

Conversions Part 1

Format	Color
Hex	F596B6
RGB	245, 150, 182
RGB Percent	96%, 59%, 71%
CMY	0.0392, 0.4117, 0.2863
CMYK	0.00, 0.39, 0.26, 0.04
HSL	340°, 83%, 77%
HSV	340°, 39%, 96%
XYZ	57.0060, 44.6026, 49.8606
YIQ	182.0530, 46.3480, 30.0920

Conversions

Conversions Part 2

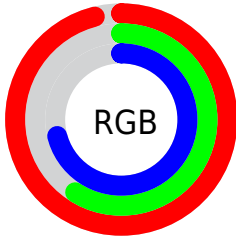
Format	Color
RYB	245, 150, 182
Decimal	16094902
CIELab	72.63, 39.64, -1.35
CIElCh	73, 39.661, 358.053
Yxy	44.6026, 0.3764, 0.2945
Android (android.graphics.Color)	4294284982 (0xFFFF596B6)
YUV	182.0530, -0.0261, 55.2045
Hunter-Lab	66.7852, 35.4887, 2.4848

Details

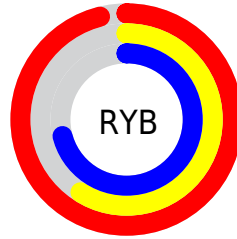
The XYZ color **57.0060, 44.6026, 49.8606** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **57.2423, 76.5940, 74.7217**, and the grayscale version is **44.4759, 46.7921, 50.9567**.

A 20% lighter version of the original color is **78.5039, 71.0957, 90.4742**, and **28.7307, 20.6992, 23.2499** is the 20% darker color. If you saturate the color by 10%, you get **51.9144, 36.9524, 40.3539**, and if you desaturate by 10%, it is **63.1122, 53.9695, 60.6677**.

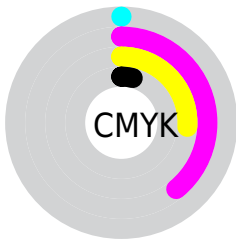
Distribution



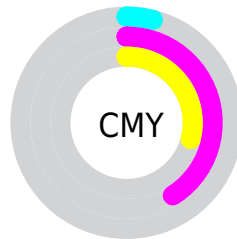
- Red (96%)
- Green (59%)
- Blue (71%)



- Red (96%)
- Yellow (59%)
- Blue (71%)



- Cyan (0%)
- Magenta (39%)
- Yellow (26%)
- Black (4%)





- Cyan (4%)
- Magenta (41%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.0060, 44.6026, 49.8606 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 57.0060, 44.6026, 49.8606 by changing the saturation by 10% instead.


 57.0060, 44.6026,
49.8606


 57.0060, 44.6026,
49.8606


403.4856,
365.1617, 402.8400

 41.2502, 31.1445,
34.9322

 99.6053, 82.1237,
91.3625

 28.7032, 20.7089,
23.3275


 127.1794,
106.9556, 118.7731

 18.9995, 12.9114,
14.6280

159.4238,
136.3475, 151.1815

 11.7740, 7.3676,
8.4150


196.7037,
170.6839, 189.0063

 6.6611, 3.6930,
4.2701

239.3844,
210.3491, 232.6660

 3.2955, 1.5034,
1.7746

287.8314,

 1.3119, 0.2911,

255.7275, 282.5792

0.4112

342.4100,
307.2036, 339.1643

■ 0.1921, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.0060, 44.6026,
49.8606

■ 57.0060, 44.6026,
49.8606

■ 51.9144, 36.9524,
40.3539

■ 63.1122, 53.9695,
60.6677

■ 47.7758, 30.9072,
32.0930

■ 70.2825, 65.1429,
72.8215

■ 44.5271, 26.3520,
25.0228

■ 78.5674, 78.2142,
86.3691

■ 42.0959, 23.1536,
19.0825

■ 88.0133, 93.2664,
101.3543

■ 40.3971, 21.1547,
14.2044

■ 91.4663, 98.1525,
108.7323

■ 39.3092, 20.1259,
10.3058

■ 39.1990, 20.0296,
9.8864

Harmonies

Analogous

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



54.6132, 44.6026, 71.4470



57.0060, 44.6026, 49.8606



55.1460, 44.6026, 32.8633

Triad

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



57.0060, 44.6026, 49.8606



36.4821, 44.6026, 22.2534



35.7837, 44.6026, 88.2370

Complementary

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



57.0060, 44.6026, 49.8606



57.2423, 76.5940, 74.7217

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.



31.7761, 44.6026, 68.6074



57.0060, 44.6026, 49.8606



32.1476, 44.6026, 31.1780

Square

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



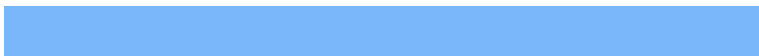
57.0060, 44.6026, 49.8606



42.8436, 44.6026, 19.7278



30.5193, 44.6026, 47.2914



41.9465, 44.6026, 97.0079

Rectangle

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



57.0060, 44.6026, 49.8606



51.8459, 44.6026, 25.5196



30.5193, 44.6026, 47.2914



34.1659, 44.6026, 82.4682

Sweetspot

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



57.0073, 44.6047, 49.8615



82.9563, 80.7678, 89.5924



54.4689, 42.3677, 91.6933



17.4981, 16.8801, 18.7560



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.



57.0073, 44.6047, 49.8615



57.7136, 41.7453, 45.8396



56.4831, 48.2572, 35.1945



16.7294, 16.5746, 18.3215



21.1749, 10.8134, 5.6294



1.9070, 0.9688, 0.7369

Inverse Universe

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



57.0073, 44.6047, 49.8615



57.7136, 41.7453, 45.8396



57.5667, 70.0899, 96.8810



16.7294, 16.5746, 18.3215



21.1749, 10.8134, 5.6294



1.9070, 0.9688, 0.7369

Previews

White Background



This preview shows how the XYZ color 57.0060, 44.6026, 49.8606 looks on a white background.

Color Contrast Check

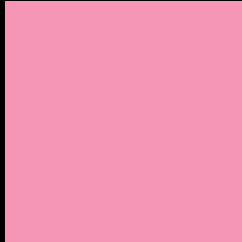
Large Text (above 18pt) WCAG AA × Fail

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 57.0060, 44.6026, 49.8606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

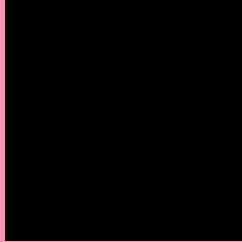
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.0060, 44.6026, 49.8606

Background



This preview shows how black text looks on a background with the XYZ color 57.0060, 44.6026, 49.8606.



This preview shows how white text looks on a background with the XYZ color 57.0060, 44.6026,

49.8606.

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

57.0060, 44.6026, 49.8606

Protanopia

43.9354, 44.7979, 60.3640

Deuteranopia

45.7444, 44.8373, 48.3629



Tritanopia

55.1449, 44.5538, 41.2906

Trichromacy



Original Color

57.0060, 44.6026, 49.8606



Protanomaly

47.5317, 43.9052, 56.4214



Deuteranomaly

49.3234, 44.4611, 48.6300



Tritanomaly

55.8871, 44.6298, 44.1969

Monochromacy



Original Color

57.0060, 44.6026, 49.8606



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

47.9951, 45.1060, 50.4327

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0060, 44.6026, 49.8606 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, 150, 182)` looks like.

```
.text, #text, p{  
    color:rgb(245, 150, 182)  
}
```

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, 150, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 150, 182) }
```

Border

The CSS property to change the border of an element to XYZ 57.0060, 44.6026, 49.8606 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, 150, 182) }
```


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

```
.border{ border-color:rgb(245, 150, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 150, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 150, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 150, 182);  
box-shadow:4px 4px 4px 4px rgb(245, 150,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0060, 44.6026, 49.8606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 150, 182) }
```

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

```
.background{ background-color: rgb(245,  
150, 182) }
```

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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