

Converting Colors

XYZ(57.0487, 46.1025, 62.6666)

Have a look what the booklet for
XYZ(57.0487, 46.1025, 62.6666)
contains.

XYZ(57.0974, 46.0879, 62.3864)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.0974, 46.0879,
62.3864)**

Conversions

Conversions Part 1

Format	Color
Hex	EB9DCB
RGB	235, 157, 203
RGB Percent	92%, 62%, 80%
CMY	0.0784, 0.3843, 0.2039
CMYK	0.00, 0.33, 0.14, 0.08
HSL	325°, 66%, 77%
HSV	325°, 33%, 92%
XYZ	57.0974, 46.0879, 62.3864
YIQ	185.5660, 31.7220, 30.8420

Conversions

Conversions Part 2

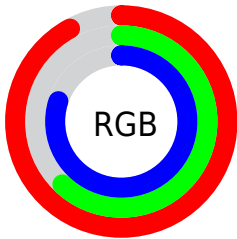
Format	Color
R _Y B	235, 157, 203
Decimal	15441355
CIE Lab	73.60, 35.67, -11.63
CIE LCh	74, 37.516, 341.946
Yxy	46.0879, 0.3448, 0.2784
Android (android.graphics.Color)	4293631435 (0xFFEB9DCB)
YUV	185.5660, 8.5950, 43.3536
Hunter-Lab	67.8881, 31.3237, -6.9635

Details

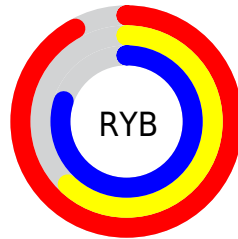
The XYZ color **57.0974, 46.0879, 62.3864** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **52.8002, 70.2602, 58.9260**, and the grayscale version is **46.3718, 48.7867, 53.1287**.

A 20% lighter version of the original color is **82.8335, 75.5670, 104.8278**, and **28.7352, 21.5355, 31.0760** is the 20% darker color. If you saturate the color by 10%, you get **52.3839, 38.4425, 55.3217**, and if you desaturate by 10%, it is **62.6497, 55.2954, 70.0843**.

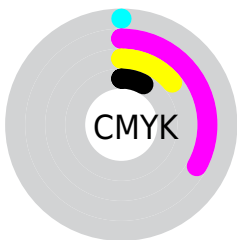
Distribution



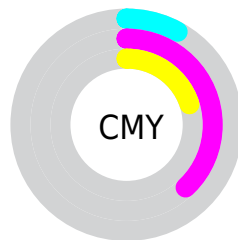
- Red (92%)
- Green (62%)
- Blue (80%)



- Red (92%)
- Yellow (62%)
- Blue (80%)



- Cyan (0%)
- Magenta (33%)
- Yellow (14%)
- Black (8%)





- Cyan (8%)
- Magenta (38%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.0974, 46.0879, 62.3864 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 57.0974, 46.0879, 62.3864 by changing the saturation by 10% instead.


 57.0974, 46.0879,
62.3864


 57.0974, 46.0879,
62.3864


403.8225,
371.1619, 451.3857

 41.3239, 32.3152,
44.9072

 99.7378, 84.3505,
109.8608

 28.7610, 21.6024,
31.0419


 127.3355,
109.6092, 140.6931

 19.0435, 13.5650,
20.3720


159.6052,
139.4654, 176.8134

 11.8059, 7.8188,
12.4790

196.9123,
174.3034, 218.6404

 6.6829, 3.9792,
6.9443

239.6223,
214.5077, 266.5926

 3.3092, 1.6619,
3.3494

288.1004,

 1.3193, 0.3988,

260.4626, 321.0885

1.2757

342.7120,
312.5526, 382.5467

■ 0.1976, 0.0000,
0.0417

■ 0.0000, 0.0000,
0.0000

■ 57.0974, 46.0879,
62.3864

■ 57.0974, 46.0879,
62.3864

■ 52.3839, 38.4425,
55.3217

■ 62.6497, 55.2954,
70.0843

■ 48.4599, 32.2642,
48.8659

■ 69.0784, 66.1400,
78.4326

■ 45.2769, 27.4578,
42.9969

■ 76.4238, 78.6996,
87.4513

■ 42.7792, 23.9140,
37.6892

■ 84.7224, 93.0453,
97.1584

■ 40.9025, 21.5064,
32.9146

■ 87.4668, 96.1605,
105.3905

■ 39.5691, 20.0820,
28.6400

■ 88.0712, 96.4023,
108.5734

■ 38.8911, 19.5143,
25.9841

Harmonies

Analogous

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



52.9039, 46.0879, 82.5809



57.0974, 46.0879, 62.3864



57.5186, 46.0879, 42.9888

Triad

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



57.0974, 46.0879, 62.3864



41.2157, 46.0879, 22.2393



34.9800, 46.0879, 78.8002

Complementary

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



57.0974, 46.0879, 62.3864



52.8002, 70.2602, 58.9260

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.



32.4655, 46.0879, 58.1357



57.0974, 46.0879, 62.3864



35.8145, 46.0879, 27.6058

Square

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



57.0974, 46.0879, 62.3864



47.8817, 46.0879, 22.8306



32.7547, 46.0879, 39.6829



39.9668, 46.0879, 93.5839

Rectangle

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



57.0974, 46.0879, 62.3864



55.5546, 46.0879, 33.2171



32.7547, 46.0879, 39.6829



33.8414, 46.0879, 72.1178

Sweetspot

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



57.0988, 46.0900, 62.3873



85.8088, 84.1401, 97.7348



47.8427, 40.8313, 83.9575



18.1082, 17.5690, 20.5976



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.



57.0988, 46.0900, 62.3873



64.6607, 48.8543, 69.0734



53.0930, 44.4877, 41.2931



15.4382, 15.2031, 17.5927



21.7095, 10.8865, 14.8033



1.7523, 0.8739, 1.4130

Inverse Universe

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



57.0988, 46.0900, 62.3873



64.6607, 48.8543, 69.0734



57.5072, 72.1430, 83.7128



15.4382, 15.2031, 17.5927



21.7095, 10.8865, 14.8033



1.7523, 0.8739, 1.4130

Previews

White Background



This preview shows how the XYZ color 57.0974, 46.0879, 62.3864 looks on a white background.

Color Contrast Check

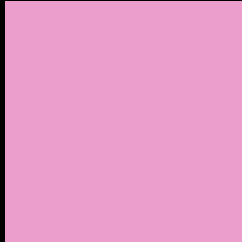
Large Text (above 18pt) WCAG AA × Fail

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 57.0974, 46.0879, 62.3864 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 57.0974, 46.0879, 62.3864

Background



This preview shows how black text looks on a background with the XYZ color 57.0974, 46.0879, 62.3864.



This preview shows how white text looks on a background with the XYZ color 57.0974, 46.0879,

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

57.0974, 46.0879, 62.3864

Protanopia

46.2097, 46.5887, 72.8867

Deuteranopia

47.0693, 46.1213, 60.4543



Tritanopia

53.9369, 46.0916, 46.6112

Trichromacy



Original Color

57.0974, 46.0879, 62.3864



Protanomaly

49.5277, 46.0449, 69.2280



Deuteranomaly

50.0669, 45.6679, 60.8196



Tritanomaly

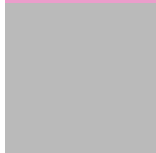
54.9320, 45.9680, 51.8764

Monochromacy



Original Color

57.0974, 46.0879, 62.3864



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

49.7462, 47.3031, 56.3777

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0974, 46.0879, 62.3864 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(235, 157, 203)` looks like.

```
.text, #text, p{  
    color:rgb(235, 157, 203)  
}
```

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(235, 157, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 157, 203) }
```

Border

The CSS property to change the border of an element to XYZ 57.0974, 46.0879, 62.3864 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(235, 157, 203) }
```


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

```
.border{ border-color:rgb(235, 157, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 157, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 157, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 157, 203);  
box-shadow:4px 4px 4px 4px rgb(235, 157,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0974, 46.0879, 62.3864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 157, 203) }
```

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

```
.background{ background-color: rgb(235,  
157, 203) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor