

Converting Colors

XYZ(58.5845, 46.6854, 58.7468)

Have a look what the booklet for
XYZ(58.5845, 46.6854, 58.7468)
contains.

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Color

**XYZ(58.5845, 46.6854,
58.7468)**

Conversions

Conversions Part 1

Format	Color
Hex	F29CC5
RGB	242, 156, 197
RGB Percent	95%, 61%, 77%
CMY	0.0510, 0.3882, 0.2274
CMYK	0.00, 0.36, 0.19, 0.05
HSL	331°, 77%, 78%
HSV	331°, 36%, 95%
XYZ	58.5845, 46.6854, 58.7468
YIQ	186.3880, 38.0950, 30.9830

Conversions

Conversions Part 2

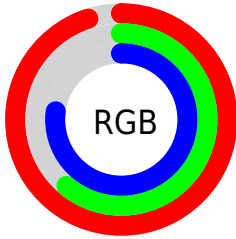
Format	Color
R _Y B	242, 156, 197
Decimal	15899845
CIE Lab	73.99, 37.64, -7.67
CIE LCh	74, 38.411, 348.486
Yxy	46.6854, 0.3572, 0.2846
Android (android.graphics.Color)	4294089925 (0xFFFF29CC5)
YUV	186.3880, 5.2317, 48.7717
Hunter-Lab	68.3267, 33.4772, -3.1484

Details

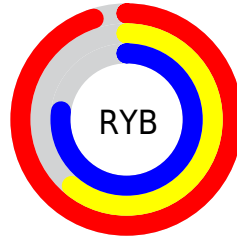
The XYZ color **58.5845, 46.6854, 58.7468** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **56.0071, 74.7906, 66.7460**, and the grayscale version is **46.8475, 49.2872, 53.6738**.

A 20% lighter version of the original color is **82.6729, 75.5027, 103.9821**, and **29.5753, 21.8740, 28.6499** is the 20% darker color. If you saturate the color by 10%, you get **53.5303, 38.8022, 50.2013**, and if you desaturate by 10%, it is **64.5722, 56.2396, 68.2059**.

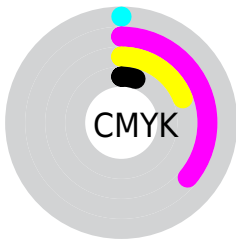
Distribution



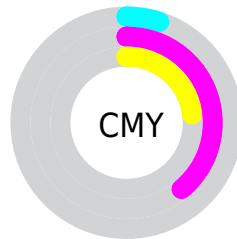
- Red (95%)
- Green (61%)
- Blue (77%)



- Red (95%)
- Yellow (61%)
- Blue (77%)



- Cyan (0%)
- Magenta (36%)
- Yellow (19%)
- Black (5%)





- Cyan (5%)
- Magenta (39%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.5845, 46.6854, 58.7468 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 58.5845, 46.6854, 58.7468 by changing the saturation by 10% instead.


 58.5845, 46.6854,
58.7468

 58.5845, 46.6854,
58.7468


409.2792,
373.5574, 437.6387

 42.5238, 32.7870,
41.9907

 101.8916, 85.2438,
104.5351

 29.7046, 21.9633,
28.7685


 129.8688,
110.6727, 134.4043

 19.7614, 13.8300,
18.6617


162.5488,
140.7138, 169.4816

 12.3290, 8.0025,
11.2517

200.2970,
175.7516, 210.1856

 7.0419, 4.0965,
6.1201

243.4788,
216.1704, 256.9347

 3.5349, 1.7277,
2.8483

292.4596,

 1.4425, 0.4415,

262.3548, 310.1476

1.0177

347.6046,
314.6889, 370.2427

■ 0.2862, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.5845, 46.6854,
58.7468

■ 58.5845, 46.6854,
58.7468

■ 53.5303, 38.8022,
50.2013

■ 64.5722, 56.2396,
68.2059

■ 49.3544, 32.4856,
42.5349

■ 71.5366, 67.5480,
78.6057

■ 46.0015, 27.6297,
35.7142

■ 79.5229, 80.6960,
89.9755

■ 43.4081, 24.1126,
29.7022

■ 88.5722, 95.7616,
102.3423

■ 41.5004, 21.7922,
24.4577

■ 90.4282, 97.6174,
108.6837

■ 40.1881, 20.4933,
19.9330

■ 39.7338, 20.1236,
18.1202

Harmonies

Analogous

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



54.9943, 46.6854, 80.1867



58.5845, 46.6854, 58.7468



58.0865, 46.6854, 39.7765

Triad

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



58.5845, 46.6854, 58.7468



40.3230, 46.6854, 22.7756



36.1965, 46.6854, 84.6674

Complementary

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



58.5845, 46.6854, 58.7468



56.0071, 74.7906, 66.7460

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.



33.0081, 46.6854, 63.7678



58.5845, 46.6854, 58.7468



35.2158, 46.6854, 29.6905

Square

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



58.5845, 46.6854, 58.7468



47.0567, 46.6854, 22.0868



32.6686, 46.6854, 43.6629



41.7935, 46.6854, 97.5273

Rectangle

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



58.5845, 46.6854, 58.7468



55.5125, 46.6854, 30.7710



32.6686, 46.6854, 43.6629



34.8334, 46.6854, 78.1339

Sweetspot

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



58.5859, 46.6876, 58.7477



84.4715, 82.4812, 94.1573



51.8528, 42.5293, 89.4811



17.8227, 17.2308, 19.7847



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.



58.5859, 46.6876, 58.7477



61.5684, 45.6777, 58.7694



54.7509, 45.5407, 37.3597



16.0866, 15.8843, 18.0122



21.4133, 10.8377, 10.0930



1.8314, 0.9216, 1.1028

Inverse Universe

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



58.5859, 46.6876, 58.7477



61.5684, 45.6777, 58.7694



61.0660, 76.1342, 95.4819



16.0866, 15.8843, 18.0122



21.4133, 10.8377, 10.0930



1.8314, 0.9216, 1.1028

Previews

White Background



This preview shows how the XYZ color 58.5845, 46.6854, 58.7468 looks on a white background.

Color Contrast Check

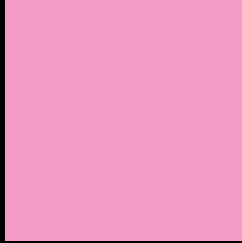
Large Text (above 18pt) WCAG AA × Fail

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 58.5845, 46.6854, 58.7468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

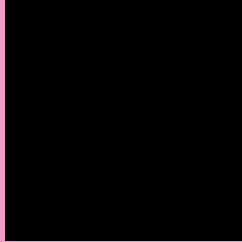
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.5845, 46.6854, 58.7468

Background



This preview shows how black text looks on a background with the XYZ color 58.5845, 46.6854, 58.7468.



This preview shows how white text looks on a background with the XYZ color 58.5845, 46.6854,

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

58.5845, 46.6854, 58.7468

Protanopia

46.4386, 47.0819, 69.5909

Deuteranopia

47.8535, 46.8966, 56.9819



Tritanopia

55.7102, 46.5095, 45.5761

Trichromacy



Original Color

58.5845, 46.6854, 58.7468



Protanomaly

49.8344, 46.2894, 65.3397



Deuteranomaly

51.0769, 46.2680, 57.2775



Tritanomaly

56.7768, 46.6989, 50.2773

Monochromacy



Original Color

58.5845, 46.6854, 58.7468



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

50.0778, 47.4995, 55.2441

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5845, 46.6854, 58.7468 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(242, 156, 197)` looks like.

```
.text, #text, p{  
    color:rgb(242, 156, 197)  
}
```

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(242, 156, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 156, 197) }
```

Border

The CSS property to change the border of an element to XYZ 58.5845, 46.6854, 58.7468 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(242, 156, 197) }
```


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

```
.border{ border-color:rgb(242, 156, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 156, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 156, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 156, 197);  
box-shadow:4px 4px 4px 4px rgb(242, 156,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5845, 46.6854, 58.7468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 156, 197) }
```

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

```
.background{ background-color: rgb(242,  
156, 197) }
```

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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