

Converting Colors

XYZ(58.4670, 46.6852, 53.0049)

Have a look what the booklet for
XYZ(58.4670, 46.6852, 53.0049)
contains.

XYZ(58.5143, 46.7773, 52.9586)	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(58.5143, 46.7773,
52.9586)**

Conversions

Conversions Part 1

Format	Color
Hex	F59CBB
RGB	245, 156, 187
RGB Percent	96%, 61%, 73%
CMY	0.0392, 0.3882, 0.2667
CMYK	0.00, 0.36, 0.24, 0.04
HSL	339°, 82%, 79%
HSV	339°, 36%, 96%
XYZ	58.5143, 46.7773, 52.9586
YIQ	186.1450, 43.0930, 28.5090

Conversions

Conversions Part 2

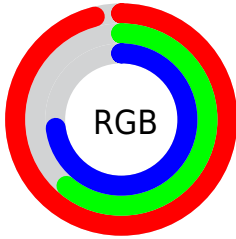
Format	Color
R_{YB}	245, 156, 187
Decimal	16096443
CIE Lab	74.05, 37.21, -2.03
CIE LCh	74, 37.270, 356.875
Yxy	46.7773, 0.3698, 0.2956
Android (android.graphics.Color)	4294286523 (0xFFFF59CBB)
YUV	186.1450, 0.4215, 51.6158
Hunter-Lab	68.3939, 33.0260, 1.9665

Details

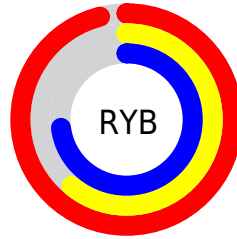
The XYZ color **58.5143, 46.7773, 52.9586** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.5024, 77.2290, 75.4454**, and the grayscale version is **46.7354, 49.1693, 53.5453**.

A 20% lighter version of the original color is **80.9611, 74.8180, 94.9682**, and **29.6468, 21.9865, 25.2355** is the 20% darker color. If you saturate the color by 10%, you get **53.1947, 38.7231, 43.2156**, and if you desaturate by 10%, it is **64.8557, 56.5702, 63.9810**.

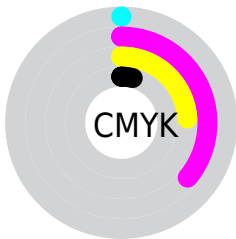
Distribution



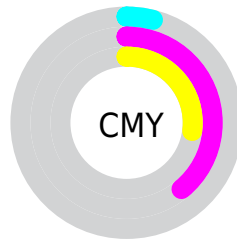
- Red (96%)
- Green (61%)
- Blue (73%)



- Red (96%)
- Yellow (61%)
- Blue (73%)



- Cyan (0%)
- Magenta (36%)
- Yellow (24%)
- Black (4%)




- Cyan (4%)
- Magenta (39%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.5143, 46.7773, 52.9586 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 58.5143, 46.7773, 52.9586 by changing the saturation by 10% instead.


 58.5143, 46.7773,
52.9586

 58.5143, 46.7773,
52.9586

409.0226,
373.9249, 415.1881

 42.4671, 32.8596,
37.3822

 101.7901, 85.3811,
95.9844

 29.6599, 22.0189,
25.2055


 129.7494,
110.8360, 124.2709

 19.7274, 13.8708,
16.0098


162.4101,
140.9055, 157.6311

 12.3042, 8.0309,
9.3766

200.1377,
175.9739, 196.4837

 7.0248, 4.1147,
4.8875

243.2973,
216.4257, 241.2471

 3.5241, 1.7379,
2.1238

292.2545,

 1.4366, 0.4480,

262.6452, 292.3400

0.6299

347.3745,
315.0168, 350.1808

■ 0.2821, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.5143, 46.7773,
52.9586

■ 58.5143, 46.7773,
52.9586

■ 53.1947, 38.7231,
43.2156

■ 64.8557, 56.5702,
63.9810

■ 48.8367, 32.2980,
34.6999

■ 72.2669, 68.1894,
76.3263

■ 45.3794, 27.3908,
27.3594

■ 80.7973, 81.7244,
90.0395

■ 42.7531, 23.8727,
21.1369

■ 90.4923, 97.2571,
105.1623

■ 40.8769, 21.5936,
15.9690

■ 91.4663, 98.1526,
108.7323

■ 39.6510, 20.3668,
11.7837

■ 39.3091, 20.0737,
10.4657

Harmonies

Analogous

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



56.0722, 46.7773, 73.7216



58.5143, 46.7773, 52.9586



56.8912, 46.7773, 36.0859

Triad

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



58.5143, 46.7773, 52.9586



38.9185, 46.7773, 24.7200



37.8223, 46.7773, 88.2407

Complementary

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



58.5143, 46.7773, 52.9586



58.5024, 77.2290, 75.4454

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.



33.9867, 46.7773, 69.3777



58.5143, 46.7773, 52.9586



34.5738, 46.7773, 33.4025

Square

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



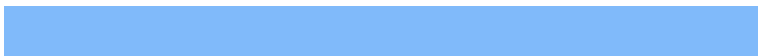
58.5143, 46.7773, 52.9586



45.1623, 46.7773, 22.3847



32.8589, 46.7773, 48.9588



43.7658, 46.7773, 97.0384

Rectangle

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



58.5143, 46.7773, 52.9586



53.8029, 46.7773, 28.5779



32.8589, 46.7773, 48.9588



36.2673, 46.7773, 82.6682

Sweetspot

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



58.5156, 46.7795, 52.9595



83.9405, 82.2688, 91.3612



56.0595, 44.6456, 92.0493



17.6965, 17.1803, 19.1200



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.



58.5156, 46.7795, 52.9595



59.4632, 44.2172, 49.5900



57.9118, 50.3214, 38.1160



16.7374, 16.5778, 18.3638



21.2354, 10.8376, 5.9482



1.9131, 0.9712, 0.7685

Inverse Universe

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



58.5156, 46.7795, 52.9595



59.4632, 44.2172, 49.5900



58.9516, 71.1783, 97.0182



16.7374, 16.5778, 18.3638



21.2354, 10.8376, 5.9482



1.9131, 0.9712, 0.7685

Previews

White Background



This preview shows how the XYZ color 58.5143, 46.7773, 52.9586 looks on a white background.

Color Contrast Check

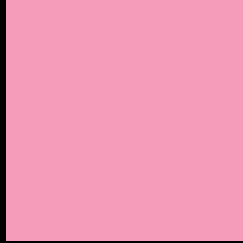
Large Text (above 18pt) WCAG AA × Fail

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 58.5143, 46.7773, 52.9586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

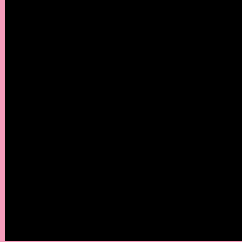
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.5143, 46.7773, 52.9586

Background



This preview shows how black text looks on a background with the XYZ color 58.5143, 46.7773, 52.9586.



This preview shows how white text looks on a background with the XYZ color 58.5143, 46.7773,

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

58.5143, 46.7773, 52.9586

Protanopia

46.0069, 47.0153, 62.5272

Deuteranopia

48.0888, 47.1425, 51.3646



Tritanopia

56.7110, 46.7912, 44.5707

Trichromacy



Original Color

58.5143, 46.7773, 52.9586

Protanomaly

49.7324, 46.3736, 59.1531

Deuteranomaly

51.1586, 46.4356, 51.6140

Tritanomaly

57.4709, 46.8611, 47.6110

Monochromacy



Original Color

58.5143, 46.7773, 52.9586

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

49.9250, 47.4705, 52.9858

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5143, 46.7773, 52.9586 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, 156, 187)` looks like.

```
.text, #text, p{  
    color:rgb(245, 156, 187)  
}
```

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, 156, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 156, 187) }
```

Border

The CSS property to change the border of an element to XYZ 58.5143, 46.7773, 52.9586 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, 156, 187) }
```


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

```
.border{ border-color:rgb(245, 156, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 156, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 156, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 156, 187);  
box-shadow:4px 4px 4px 4px rgb(245, 156,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5143, 46.7773, 52.9586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 156, 187) }
```

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

```
.background{ background-color: rgb(245,  
156, 187) }
```

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