

Converting Colors

XYZ(58.1401, 46.4413, 54.9379)

Have a look what the booklet for
XYZ(58.1401, 46.4413, 54.9379)
contains.

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Color

**XYZ(58.2546, 46.5932,
55.2133)**

Conversions

Conversions Part 1

Format	Color
Hex	F39CBF
RGB	243, 156, 191
RGB Percent	95%, 61%, 75%
CMY	0.0471, 0.3882, 0.2510
CMYK	0.00, 0.36, 0.21, 0.05
HSL	336°, 78%, 78%
HSV	336°, 36%, 95%
XYZ	58.2546, 46.5932, 55.2133
YIQ	186.0030, 40.6170, 29.3290

Conversions

Conversions Part 2

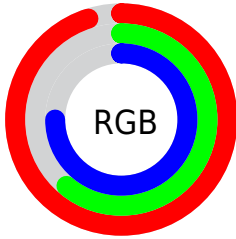
Format	Color
R _Y B	243, 156, 191
Decimal	15965375
CIE Lab	73.93, 37.09, -4.44
CIE LCh	74, 37.358, 353.179
Yxy	46.5932, 0.3640, 0.2911
Android (android.graphics.Color)	4294155455 (0xFF39CBF)
YUV	186.0030, 2.4635, 49.9864
Hunter-Lab	68.2592, 32.8840, -0.1769

Details

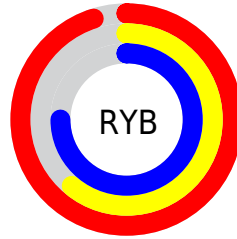
The XYZ color **58.2546, 46.5932, 55.2133** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **57.1481, 75.7244, 71.2823**, and the grayscale version is **46.6457, 49.0749, 53.4426**.

A 20% lighter version of the original color is **81.5720, 75.0624, 98.1849**, and **29.4453, 21.8498, 26.7102** is the 20% darker color. If you saturate the color by 10%, you get **53.0575, 38.6312, 45.9819**, and if you desaturate by 10%, it is **64.4286, 56.2543, 65.5535**.

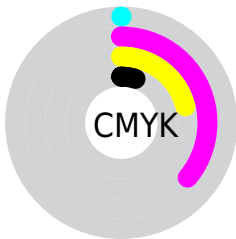
Distribution



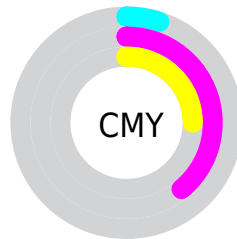
- Red (95%)
- Green (61%)
- Blue (75%)



- Red (95%)
- Yellow (61%)
- Blue (75%)



- Cyan (0%)
- Magenta (36%)
- Yellow (21%)
- Black (5%)





- Cyan (5%)
- Magenta (39%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.2546, 46.5932, 55.2133 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 58.2546, 46.5932, 55.2133 by changing the saturation by 10% instead.

 58.2546, 46.5932,
55.2133


 58.2546, 46.5932,
55.2133

408.0725,
373.1884, 424.0247

 42.2574, 32.7142,
39.1728


 101.4144, 85.1061,
99.3277

 29.4949, 21.9076,
26.5853


 129.3076,
110.5087, 128.2386

 19.6017, 13.7890,
17.0323


161.8970,
140.5214, 162.2768

 12.2124, 7.9741,
10.0953

199.5478,
175.5284, 201.8607

 6.9617, 4.0784,
5.3558

242.6254,
215.9142, 247.4089

 3.4843, 1.7175,
2.3951

291.4952,

 1.4147, 0.4349,

262.0633, 299.3399

0.7838

346.5224,
314.3598, 358.0723

■ 0.2667, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.2546, 46.5932,
55.2133

■ 58.2546, 46.5932,
55.2133

■ 53.0575, 38.6312,
45.9819

■ 64.4286, 56.2543,
65.5535

■ 48.7797, 32.2619,
37.8159

■ 71.6246, 67.6993,
77.0378

■ 45.3637, 27.3775,
30.6729

■ 79.8899, 81.0152,
89.7033

■ 42.7432, 23.8535,
24.5059

■ 89.2674, 96.2815,
103.5843

■ 40.8414, 21.5449,
19.2630

■ 90.7724, 97.7948,
108.6998

■ 39.5643, 20.2728,
14.8849

■ 39.1552, 19.9319,
13.2773

Harmonies

Analogous

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



55.3466, 46.5932, 76.0359



58.2546, 46.5932, 55.2133



57.1299, 46.5932, 37.6240

Triad

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



58.2546, 46.5932, 55.2133



39.4344, 46.5932, 23.9369



37.0463, 46.5932, 86.1133

Complementary

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



58.2546, 46.5932, 55.2133



57.1481, 75.7244, 71.2823

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.



33.5267, 46.5932, 66.5778



58.2546, 46.5932, 55.2133



34.8059, 46.5932, 31.7755

Square

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



58.2546, 46.5932, 55.2133



45.8237, 46.5932, 22.3372



32.7496, 46.5932, 46.5001



42.7820, 46.5932, 96.5488

Rectangle

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



58.2546, 46.5932, 55.2133



54.2942, 46.5932, 29.5489



32.7496, 46.5932, 46.5001



35.5891, 46.5932, 80.1895

Sweetspot

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



58.2559, 46.5954, 55.2142



84.1624, 82.3576, 92.5297



53.7304, 43.4799, 90.3551



17.7492, 17.2014, 19.3976



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.



58.2559, 46.5954, 55.2142



60.6541, 45.3120, 53.9548



56.1062, 47.7405, 37.7129



16.7753, 16.5930, 18.5635



21.5521, 10.9643, 7.6159



1.9436, 0.9834, 0.9295

Inverse Universe

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



58.2559, 46.5954, 55.2142



60.6541, 45.3120, 53.9548



59.8131, 73.3873, 95.8072



16.7753, 16.5930, 18.5635



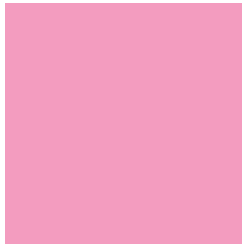
21.5521, 10.9643, 7.6159



1.9436, 0.9834, 0.9295

Previews

White Background



This preview shows how the XYZ color 58.2546, 46.5932, 55.2133 looks on a white background.

Color Contrast Check

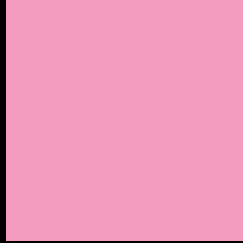
Large Text (above 18pt) WCAG AA × Fail

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 58.2546, 46.5932, 55.2133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

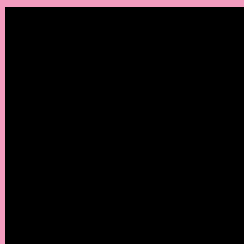
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.2546, 46.5932, 55.2133

Background



This preview shows how black text looks on a background with the XYZ color 58.2546, 46.5932, 55.2133.



This preview shows how white text looks on a background with the XYZ color 58.2546, 46.5932,

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

58.2546, 46.5932, 55.2133

Protanopia

46.0245, 46.9690, 65.0327

Deuteranopia

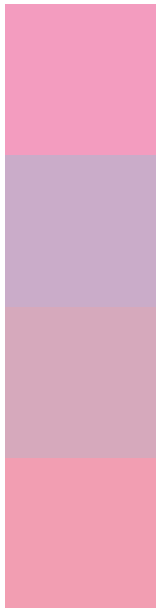
47.7177, 46.9025, 53.5518



Tritanopia

56.0245, 46.4373, 44.5386

Trichromacy



Original Color

58.2546, 46.5932, 55.2133

Protanomaly

49.6523, 46.2787, 61.5741

Deuteranomaly

50.9966, 46.3029, 53.8265

Tritanomaly

56.8807, 46.5453, 48.1057

Monochromacy



Original Color

58.2546, 46.5932, 55.2133

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

50.1392, 47.5562, 54.1136

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2546, 46.5932, 55.2133 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(243, 156, 191)` looks like.

```
.text, #text, p{  
    color:rgb(243, 156, 191)  
}
```

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(243, 156, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 156, 191) }
```

Border

The CSS property to change the border of an element to XYZ 58.2546, 46.5932, 55.2133 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(243, 156, 191) }
```


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

```
.border{ border-color:rgb(243, 156, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 156, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 156, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 156, 191);  
box-shadow:4px 4px 4px 4px rgb(243, 156,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2546, 46.5932, 55.2133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 156, 191) }
```

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

```
.background{ background-color: rgb(243,  
156, 191) }
```

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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