

Converting Colors

XYZ(66.5558, 58.2707, 74.7689)

Have a look what the booklet for
XYZ(66.5558, 58.2707, 74.7689)
contains.

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Color

**XYZ(66.5446, 58.2727,
74.7583)**

Conversions

Conversions Part 1

Format	Color
Hex	F2B8DB
RGB	242, 184, 219
RGB Percent	95%, 72%, 86%
CMY	0.0510, 0.2784, 0.1412
CMYK	0.00, 0.24, 0.10, 0.05
HSL	324°, 69%, 84%
HSV	324°, 24%, 95%
XYZ	66.5446, 58.2727, 74.7583
YIQ	205.3320, 23.3330, 23.1810

Conversions

Conversions Part 2

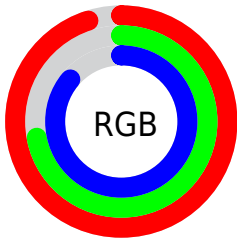
Format	Color
R _Y B	242, 184, 219
Decimal	15907035
CIE Lab	80.89, 26.35, -9.39
CIE LCh	81, 27.970, 340.389
Yxy	58.2727, 0.3334, 0.2920
Android (android.graphics.Color)	4294097115 (0xFFFF2B8DB)
YUV	205.3320, 6.7383, 32.1578
Hunter-Lab	76.3366, 22.0142, -4.6286

Details

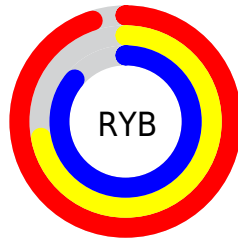
The XYZ color **66.5446, 58.2727, 74.7583** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **62.7841, 78.2012, 70.8203**, and the grayscale version is **58.1891, 61.2195, 66.6680**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **34.6911, 28.9599, 38.8834** is the 20% darker color. If you saturate the color by 10%, you get **60.7141, 48.5752, 66.7601**, and if you desaturate by 10%, it is **73.3112, 69.7243, 83.4294**.

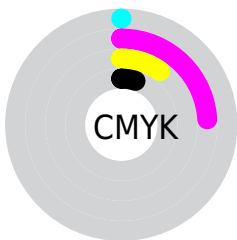
Distribution



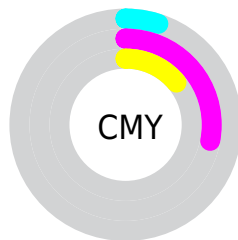
- Red (95%)
- Green (72%)
- Blue (86%)



- Red (95%)
- Yellow (72%)
- Blue (86%)



- Cyan (0%)
- Magenta (24%)
- Yellow (10%)
- Black (5%)





- Cyan (5%)
- Magenta (28%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.5446, 58.2727, 74.7583 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 66.5446, 58.2727, 74.7583 by changing the saturation by 10% instead.

 66.5446, 58.2727,
74.7583

 66.5446, 58.2727,
74.7583


437.7800,
418.2013, 496.3196

 48.9840, 42.0279,
54.9144


 113.3210,
102.3199, 127.7141

 34.8212, 29.1232,
38.9350


143.2675,
130.8910, 161.6631

 23.6911, 19.1740,
26.4017


178.0734,
164.3398, 201.1508

 15.2281, 11.7961,
16.8960

218.1039,
203.0506, 246.5958

 9.0670, 6.6050,
9.9992

263.7245,
247.4077, 298.4167

 4.8424, 3.2163,
5.2928

315.3005,

 2.1889, 1.2457,

297.7956, 357.0319

2.3583

373.1972,
354.5987, 422.8600

■ 0.7369, 0.0985,
0.7636

■ 0.0000, 0.0000,
0.0000

■ 66.5446, 58.2727,
74.7583

■ 66.5446, 58.2727,
74.7583

■ 60.7141, 48.5752,
66.7601

■ 73.3112, 69.7243,
83.4294

■ 55.7697, 40.5359,
59.4099

■ 81.0507, 83.0040,
92.7893

■ 51.6642, 34.0618,
52.6868

■ 89.2895, 97.1619,
102.6868

■ 48.3439, 29.0474,
46.5663

■ 90.4283, 97.6174,
108.6837

■ 45.7482, 25.3738,
41.0218

■ 43.8073, 22.9037,
36.0234

■ 42.4364, 21.4691,
31.5359

■ 41.8088, 20.9536,
29.0464

Harmonies

Analogous

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



62.9148, 58.2727, 90.9513



66.5446, 58.2727, 74.7583



67.0693, 58.2727, 57.8735

Triad

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



66.5446, 58.2727, 74.7583



53.4038, 58.2727, 36.9800



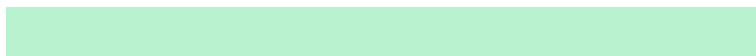
47.3354, 58.2727, 86.4222

Complementary

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



66.5446, 58.2727, 74.7583



62.7841, 78.2012, 70.8203

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.



45.1457, 58.2727, 69.3717



66.5446, 58.2727, 74.7583



48.4839, 58.2727, 42.1384

Square

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



66.5446, 58.2727, 74.7583



59.2061, 58.2727, 37.9131



45.5510, 58.2727, 53.3421



51.7348, 58.2727, 98.4554

Rectangle

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



66.5446, 58.2727, 74.7583



65.5512, 58.2727, 48.6536



45.5510, 58.2727, 53.3421



46.3309, 58.2727, 80.9757

Sweetspot

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



66.5463, 58.2753, 74.7595



88.4987, 88.6877, 101.1968



58.6884, 53.8500, 91.3061



18.8271, 18.7846, 21.5220



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.



66.5463, 58.2753, 74.7595



71.4566, 59.8011, 79.4929



63.1388, 56.9123, 56.8161



16.1734, 15.9191, 18.4692



22.5290, 11.2840, 15.9683



1.9231, 0.9583, 1.5858

Inverse Universe

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



66.5463, 58.2753, 74.7595



71.4566, 59.8011, 79.4929



66.5503, 79.7077, 90.6528



16.1734, 15.9191, 18.4692



22.5290, 11.2840, 15.9683



1.9231, 0.9583, 1.5858

Previews

White Background



This preview shows how the XYZ color 66.5446, 58.2727, 74.7583 looks on a white background.

Color Contrast Check

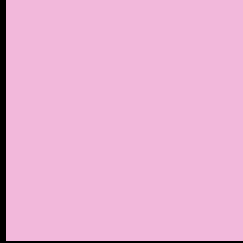
Large Text (above 18pt) WCAG AA × Fail

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 66.5446, 58.2727, 74.7583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

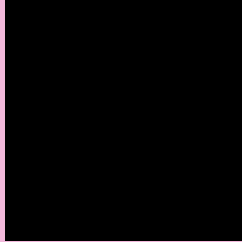
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.5446, 58.2727, 74.7583

Background



This preview shows how black text looks on a background with the XYZ color 66.5446, 58.2727, 74.7583.



This preview shows how white text looks on a background with the XYZ color 66.5446, 58.2727,

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

66.5446, 58.2727, 74.7583

Protanopia

57.5621, 58.7015, 82.4254

Deuteranopia

59.4801, 58.1861, 73.7417



Tritanopia

64.2481, 58.2830, 63.1218

Trichromacy



Original Color

66.5446, 58.2727, 74.7583

Protanomaly

60.3230, 58.1659, 79.2820

Deuteranomaly

62.0262, 58.1709, 74.2886

Tritanomaly

65.2197, 58.3726, 67.5041

Monochromacy



Original Color

66.5446, 58.2727, 74.7583

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

60.5126, 59.4911, 69.2663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.5446, 58.2727, 74.7583 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, 184, 219)` looks like.

```
.text, #text, p{  
    color:rgb(242, 184, 219)  
}
```

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, 184, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 184, 219) }
```

Border

The CSS property to change the border of an element to XYZ 66.5446, 58.2727, 74.7583 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, 184, 219) }
```


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

```
.border{ border-color:rgb(242, 184, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 184, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 184, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 184, 219);  
box-shadow:4px 4px 4px 4px rgb(242, 184,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 66.5446, 58.2727, 74.7583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 184, 219) }
```

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

```
.background{ background-color: rgb(242,  
184, 219) }
```

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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