

Converting Colors

XYZ(65.0702, 58.1767, 70.8688)

Have a look what the booklet for
XYZ(65.0702, 58.1767, 70.8688)
contains.

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Color

**XYZ(65.1657, 58.2726,
70.7639)**

Conversions

Conversions Part 1

Format	Color
Hex	EFBAD5
RGB	239, 186, 213
RGB Percent	94%, 73%, 84%
CMY	0.0627, 0.2706, 0.1647
CMYK	0.00, 0.22, 0.11, 0.06
HSL	329°, 62%, 83%
HSV	329°, 22%, 94%
XYZ	65.1657, 58.2726, 70.7639
YIQ	204.9250, 22.9210, 19.6330

Conversions

Conversions Part 2

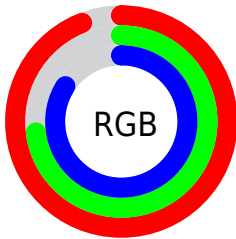
Format	Color
R _Y B	239, 186, 213
Decimal	15710933
CIE Lab	80.89, 23.26, -6.19
CIE LCh	81, 24.069, 345.103
Yxy	58.2726, 0.3356, 0.3001
Android (android.graphics.Color)	4293901013 (0xFFEFBAD5)
YUV	204.9250, 3.9810, 29.8838
Hunter-Lab	76.3365, 18.7901, -1.5263

Details

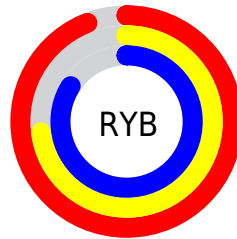
The XYZ color **65.1657, 58.2726, 70.7639** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **63.0022, 76.9271, 73.8187**, and the grayscale version is **57.9473, 60.9651, 66.3910**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **33.8505, 29.1888, 36.1976** is the 20% darker color. If you saturate the color by 10%, you get **59.1109, 48.4588, 61.6665**, and if you desaturate by 10%, it is **72.1736, 69.8189, 80.7112**.

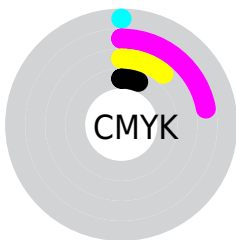
Distribution



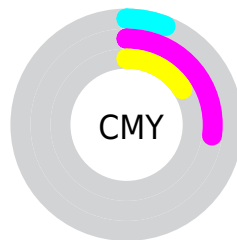
- Red (94%)
- Green (73%)
- Blue (84%)



- Red (94%)
- Yellow (73%)
- Blue (84%)



- Cyan (0%)
- Magenta (22%)
- Yellow (11%)
- Black (6%)





- Cyan (6%)
- Magenta (27%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.1657, 58.2726, 70.7639 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 65.1657, 58.2726, 70.7639 by changing the saturation by 10% instead.


 65.1657, 58.2726,
70.7639

 65.1657, 58.2726,
70.7639


432.9230,
418.2009, 482.0891

 47.8607, 42.0278,
51.6689


 111.3524,
102.3197, 121.9888

 33.9273, 29.1231,
36.3608


140.9648,
130.8909, 154.9558

 23.0004, 19.1740,
24.4211


175.4104,
164.3396, 193.3838

 14.7145, 11.7960,
15.4312

215.0545,
203.0503, 237.6915

 8.7043, 6.6050,
8.9726

260.2624,
247.4074, 288.2973

 4.6044, 3.2163,
4.6267

311.3996,

 2.0494, 1.2457,

297.7953, 345.6198

1.9751

368.8313,
354.5983, 410.0775

■ 0.6615, 0.0985,
0.5399

■ 0.0000, 0.0000,
0.0000

■ 65.1657, 58.2726,
70.7639

■ 65.1657, 58.2726,
70.7639

■ 59.1109, 48.4588,
61.6665

■ 72.1736, 69.8189,
80.7112

■ 53.9601, 40.2849,
53.3896

■ 80.1706, 83.1684,
91.5294

■ 49.6670, 33.6618,
45.9069

■ 88.3278, 96.6592,
102.9532

■ 46.1794, 28.4886,
39.1891

■ 89.4069, 97.0909,
108.6359

■ 43.4387, 24.6522,
33.2042

■ 41.3778, 22.0226,
27.9170

■ 39.9163, 20.4433,
23.2874

■ 39.0940, 19.7497,
20.0815

Harmonies

Analogous

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



62.4506, 58.2726, 84.8422



65.1657, 58.2726, 70.7639



65.1558, 58.2726, 56.5680

Triad

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



65.1657, 58.2726, 70.7639



52.9285, 58.2726, 40.4832



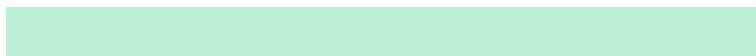
48.8984, 58.2726, 84.9269

Complementary

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



65.1657, 58.2726, 70.7639



63.0022, 76.9271, 73.8187

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.



46.6458, 58.2726, 70.8665



65.1657, 58.2726, 70.7639



48.8760, 58.2726, 45.9930

Square

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



65.1657, 58.2726, 70.7639



57.8849, 58.2726, 40.4643



46.6379, 58.2726, 56.6563



52.9608, 58.2726, 93.8144

Rectangle

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



65.1657, 58.2726, 70.7639



63.5960, 58.2726, 48.9485



46.6379, 58.2726, 56.6563



47.9155, 58.2726, 80.5628

Sweetspot

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



65.1674, 58.2752, 70.7651



88.2395, 88.5840, 99.8319



60.1822, 55.2929, 89.1627



18.7670, 18.7606, 21.2059



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.



65.1674, 58.2752, 70.7651



71.9113, 61.6733, 76.6757



62.1147, 57.0542, 54.6901



16.1088, 15.8932, 18.1293



21.6706, 10.9407, 11.4479



1.8531, 0.9303, 1.2171

Inverse Universe

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



65.1674, 58.2752, 70.7651



71.9113, 61.6733, 76.6757



66.5677, 78.3533, 92.5948



16.1088, 15.8932, 18.1293



21.6706, 10.9407, 11.4479



1.8531, 0.9303, 1.2171

Previews

White Background



This preview shows how the XYZ color 65.1657, 58.2726, 70.7639 looks on a white background.

Color Contrast Check

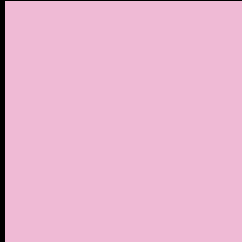
Large Text (above 18pt) WCAG AA × Fail

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 65.1657, 58.2726, 70.7639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

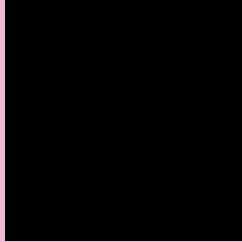
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.1657, 58.2726, 70.7639

Background



This preview shows how black text looks on a background with the XYZ color 65.1657, 58.2726, 70.7639.



This preview shows how white text looks on a background with the XYZ color 65.1657, 58.2726,

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

65.1657, 58.2726, 70.7639

Protanopia

57.2586, 58.6711, 76.7134

Deuteranopia

59.5919, 58.3323, 69.7464



Tritanopia

63.9038, 58.4079, 63.7829

Trichromacy



Original Color

65.1657, 58.2726, 70.7639

Protanomaly

59.9016, 58.3883, 74.4426

Deuteranomaly

61.4738, 58.3000, 70.3004

Tritanomaly

64.1708, 58.1740, 66.2391

Monochromacy



Original Color

65.1657, 58.2726, 70.7639

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

60.1945, 59.6939, 68.0240

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1657, 58.2726, 70.7639 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(239, 186, 213)` looks like.

```
.text, #text, p{  
    color:rgb(239, 186, 213)  
}
```

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(239, 186, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 186, 213) }
```

Border

The CSS property to change the border of an element to XYZ 65.1657, 58.2726, 70.7639 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(239, 186, 213) }
```


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

```
.border{ border-color:rgb(239, 186, 213) }
```

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

Here you see how a box with a 4 pixel rgb(239, 186, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 186, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 186, 213);  
box-shadow:4px 4px 4px 4px rgb(239, 186,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1657, 58.2726, 70.7639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 186, 213) }
```

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

```
.background{ background-color: rgb(239,  
186, 213) }
```

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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