

Converting Colors

XYZ(137.5116, 94.6061,
60.0276)

Have a look what the booklet for
XYZ(137.5116, 94.6061, 60.0276)
contains.

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Color

**XYZ(67.3719, 58.4775,
57.0266)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB6BF
RGB	255, 182, 191
RGB Percent	100%, 71%, 75%
CMY	0.0000, 0.2862, 0.2510
CMYK	0.00, 0.29, 0.25, 0.00
HSL	353°, 100%, 86%
HSV	353°, 29%, 100%
XYZ	67.3719, 58.4775, 57.0266
YIQ	204.8530, 40.6190, 18.2750

Conversions

Conversions Part 2

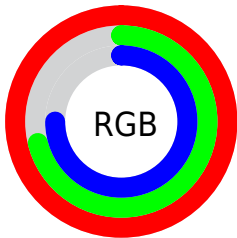
Format	Color
R _Y B	255, 182, 191
Decimal	16758463
CIE Lab	81.00, 27.69, 6.03
CIE LCh	81, 28.341, 12.292
Yxy	58.4775, 0.3684, 0.3198
Android (android.graphics.Color)	4294948543 (0xFFFFB6BF)
YUV	204.8530, -6.8295, 43.9789
Hunter-Lab	76.4706, 23.4381, 9.3149

Details

The XYZ color **67.3719, 58.4775, 57.0266** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.6883, 88.1200, 100.4234**, and the grayscale version is **57.9602, 60.9786, 66.4057**.

A 20% lighter version of the original color is **88.6030, 89.1245, 100.5285**, and **35.3326, 29.1436, 27.8078** is the 20% darker color. If you saturate the color by 10%, you get **60.3416, 48.0585, 43.4568**, and if you desaturate by 10%, it is **75.7316, 70.9538, 72.8939**.

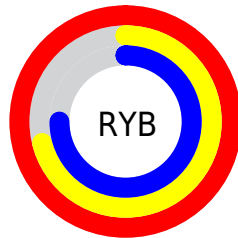
Distribution



Red (100%)

Green (71%)

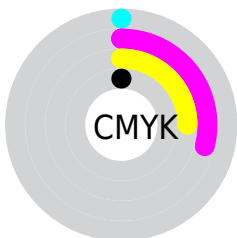
Blue (75%)



Red (100%)

Yellow (71%)

Blue (75%)

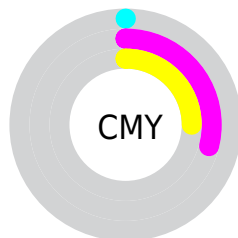


Cyan (0%)

Magenta (29%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.3719, 58.4775, 57.0266 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 67.3719, 58.4775, 57.0266 by changing the saturation by 10% instead.


 67.3719, 58.4775,
57.0266

 67.3719, 58.4775,
57.0266


440.6791,
418.9629, 431.0455

 49.6587, 42.1927,
40.6171


 114.5000,
102.6179, 102.0047

 35.3590, 29.2522,
27.7026


144.6456,
131.2422, 131.4104

 24.1074, 19.2717,
17.8645

179.6661,
164.7485, 165.9853

 15.5384, 11.8667,
10.6843

219.9269,
203.5211, 206.1478

 9.2869, 6.6530,
5.7435

265.7932,
247.9444, 252.3165

 4.9874, 3.2461,
2.6235

317.6304,

 2.2746, 1.2615,

298.4029, 304.9100

0.9045

375.8039,
355.2809, 364.3468

■ 0.7816, 0.1111,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.3719, 58.4775,
57.0266

■ 67.3719, 58.4775,
57.0266

■ 60.3416, 48.0585,
43.4568

■ 75.7316, 70.9538,
72.8939

■ 54.5677, 39.5786,
32.0743

■ 85.4799, 85.5811,
91.1547

■ 49.9769, 32.9200,
22.7651

95.0500, 100.0000,
108.9000

■ 46.4862, 27.9491,
15.4036

■ 44.0019, 24.5133,
9.8502

■ 42.4144, 22.4330,
5.9465

■ 41.5740, 21.4545,
3.5012

■ 41.4929, 21.3612,
3.2619

Harmonies

Analogous

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



67.0581, 58.4775, 74.0340



67.3719, 58.4775, 57.0266



64.3680, 58.4775, 44.2800

Triad

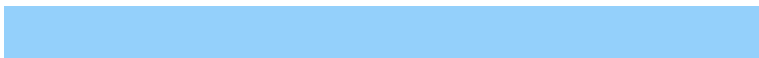
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.3719, 58.4775, 57.0266



48.3173, 58.4775, 42.6038



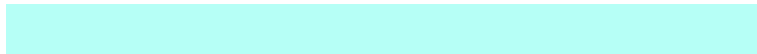
52.2137, 58.4775, 99.7530

Complementary

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



67.3719, 58.4775, 57.0266



71.6883, 88.1200, 100.4234

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.



47.6327, 58.4775, 88.0315



67.3719, 58.4775, 57.0266



45.4945, 58.4775, 54.3251

Square

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



67.3719, 58.4775, 57.0266



53.2095, 58.4775, 36.9926



45.2531, 58.4775, 70.8147



58.0222, 58.4775, 100.8247

Rectangle

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



67.3719, 58.4775, 57.0266



61.0037, 58.4775, 39.0991



45.2531, 58.4775, 70.8147



50.4898, 58.4775, 96.8436

Sweetspot

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



67.3734, 58.4802, 57.0278



85.0885, 84.9925, 90.4255



72.5289, 60.1392, 102.3931



17.8915, 17.7095, 18.7563



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.



67.3734, 58.4802, 57.0278



63.4331, 52.6302, 49.4546



72.4284, 70.1262, 53.9778



18.1004, 18.0235, 19.1460



21.7092, 11.1730, 1.8531



2.1412, 1.0988, 0.3248

Inverse Universe

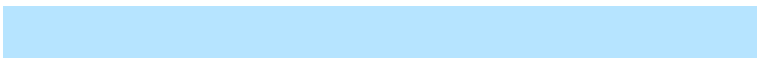
The Inverse Universe completely reimagines the original color for something new.



67.3734, 58.4802, 57.0278



63.4331, 52.6302, 49.4546



65.1512, 72.7824, 105.2223



18.1004, 18.0235, 19.1460



21.7092, 11.1730, 1.8531



2.1412, 1.0988, 0.3248

Previews

White Background



This preview shows how the XYZ color 67.3719, 58.4775, 57.0266 looks on a white background.

Color Contrast Check

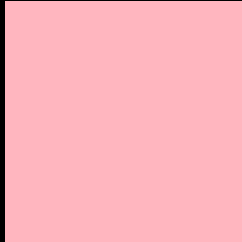
Large Text (above 18pt) WCAG AA × Fail

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 67.3719, 58.4775, 57.0266 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 67.3719, 58.4775, 57.0266

Background



This preview shows how black text looks on a background with the XYZ color 67.3719, 58.4775, 57.0266.



This preview shows how white text looks on a background with the XYZ color 67.3719, 58.4775,

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

67.3719, 58.4775, 57.0266

Protanopia

56.6061, 58.9695, 63.6571

Deuteranopia

60.0644, 58.8731, 56.3420



Tritanopia

67.8183, 58.6560, 59.3771

Trichromacy



Original Color

67.3719, 58.4775, 57.0266



Protanomaly

59.8013, 58.3028, 60.9250



Deuteranomaly

62.6328, 58.5491, 56.7152



Tritanomaly

67.7056, 58.6109, 58.7835

Monochromacy



Original Color

67.3719, 58.4775, 57.0266



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

60.8230, 59.7906, 62.9786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3719, 58.4775, 57.0266 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(255, 182, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 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(255, 182, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 191) }
```

Border

The CSS property to change the border of an element to XYZ 67.3719, 58.4775, 57.0266 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(255, 182, 191) }
```


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

```
.border{ border-color:rgb(255, 182, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 182, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3719, 58.4775, 57.0266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 191) }
```

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

```
.background{ background-color: rgb(255,  
182, 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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