

Converting Colors

XYZ(105.9494, 79.1263,
58.7009)

Have a look what the booklet for
XYZ(105.9494, 79.1263, 58.7009)
contains.

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Color

**XYZ(67.7845, 59.3026,
57.1641)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB8BF
RGB	255, 184, 191
RGB Percent	100%, 72%, 75%
CMY	0.0000, 0.2784, 0.2510
CMYK	0.00, 0.28, 0.25, 0.00
HSL	354°, 100%, 86%
HSV	354°, 28%, 100%
XYZ	67.7845, 59.3026, 57.1641
YIQ	206.0270, 40.0690, 17.2290

Conversions

Conversions Part 2

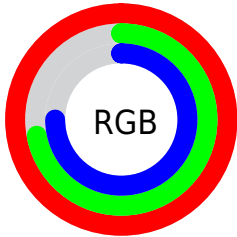
Format	Color
R_{YB}	255, 184, 191
Decimal	16758975
CIE _{Lab}	81.46, 26.64, 6.69
CIE _{LCh}	81, 27.469, 14.090
Yxy	59.3026, 0.3679, 0.3219
Android (android.graphics.Color)	4294949055 (0xFFFFB8BF)
YUV	206.0270, -7.4083, 42.9493
Hunter-Lab	77.0082, 22.3558, 9.8940

Details

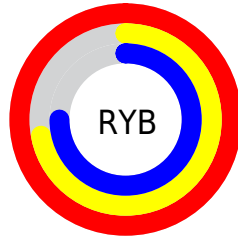
The XYZ color **67.7845, 59.3026, 57.1641** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.4728, 88.4888, 102.0714**, and the grayscale version is **58.7128, 61.7704, 67.2680**.

A 20% lighter version of the original color is **89.1886, 90.2956, 100.7237**, and **35.5960, 29.6706, 27.8956** is the 20% darker color. If you saturate the color by 10%, you get **60.6226, 48.7145, 43.2602**, and if you desaturate by 10%, it is **76.3011, 71.9643, 73.4798**.

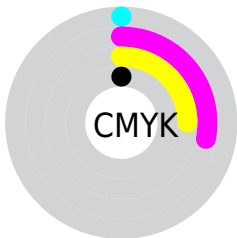
Distribution



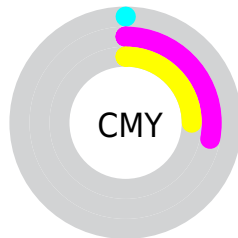
- Red (100%)
- Green (72%)
- Blue (75%)



- Red (100%)
- Yellow (72%)
- Blue (75%)



- Cyan (0%)
- Magenta (28%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (28%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.7845, 59.3026, 57.1641 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 67.7845, 59.3026, 57.1641 by changing the saturation by 10% instead.


 67.7845, 59.3026,
57.1641

 67.7845, 59.3026,
57.1641


442.1208,
422.0224, 431.5749

 49.9955, 42.8568,
40.7268


 115.0874,
103.8173, 102.2073

 35.6276, 29.7727,
27.7876


145.3320,
132.6550, 131.6503

 24.3155, 19.6662,
17.9279


180.4591,
166.3921, 166.2655

 15.6938, 12.1526,
10.7294

220.8342,
205.4130, 206.4716

 9.3972, 6.8477,
5.7733

266.8226,
250.1021, 252.6870

 5.0603, 3.3670,
2.6412


318.7895,

 2.3178, 1.3262,


300.8437, 305.3303


0.9136


377.1005,
358.0224, 364.8201


 0.8038, 0.1614,
0.0000


 0.0000, 0.0000,
0.0000


 67.7845, 59.3026,
57.1641


 67.7845, 59.3026,
57.1641

 60.6226, 48.7145,
43.2602


 76.3011, 71.9643,
73.4798

 54.7413, 40.0819,
31.6501

 86.2328, 86.7934,
92.3105

 50.0659, 33.2874,
22.2113

95.0500, 100.0000,
108.9000

 46.5124, 28.1974,
14.8084

■ 43.9856, 24.6604,
9.2907

■ 42.3745, 22.4980,
5.4865

■ 41.5352, 21.4737,
3.1899

■ 41.4168, 21.3307,
2.8611

Harmonies

Analogous

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



67.6817, 59.3026, 73.6462



67.7845, 59.3026, 57.1641



64.6861, 59.3026, 44.9481

Triad

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



67.7845, 59.3026, 57.1641



49.0166, 59.3026, 44.3916



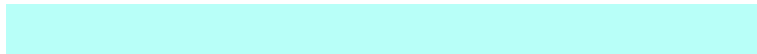
53.3882, 59.3026, 100.0631

Complementary

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



67.7845, 59.3026, 57.1641



72.4728, 88.4888, 102.0714

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.



48.7906, 59.3026, 89.2051



67.7845, 59.3026, 57.1641



46.3864, 59.3026, 56.2727

Square

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



67.7845, 59.3026, 57.1641



53.7162, 59.3026, 38.4686



46.3066, 59.3026, 72.5904



59.1002, 59.3026, 100.4123

Rectangle

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



67.7845, 59.3026, 57.1641



61.3363, 59.3026, 40.0696



46.3066, 59.3026, 72.5904



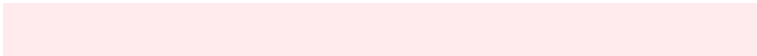
51.6705, 59.3026, 97.4480

Sweetspot

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



67.7859, 59.3053, 57.1653



86.0631, 86.5395, 91.9901



73.8680, 61.4419, 102.5740



18.0821, 18.0161, 19.0493



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.



67.7859, 59.3053, 57.1653



63.9256, 53.5896, 49.6973



73.5370, 72.0101, 55.3744



18.0821, 18.0161, 19.0493



21.6650, 11.1553, 1.6204



2.1325, 1.0954, 0.2794

Inverse Universe

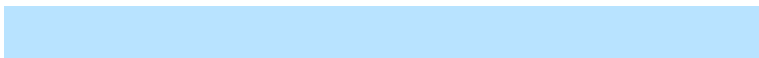
The Inverse Universe completely reimagines the original color for something new.



67.7859, 59.3053, 57.1653



63.9256, 53.5896, 49.6973



65.1792, 72.1321, 105.0953



18.0821, 18.0161, 19.0493



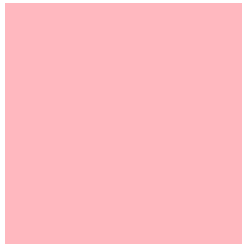
21.6650, 11.1553, 1.6204



2.1325, 1.0954, 0.2794

Previews

White Background



This preview shows how the XYZ color 67.7845, 59.3026, 57.1641 looks on a white background.

Color Contrast Check

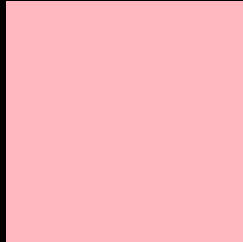
Large Text (above 18pt) WCAG AA × Fail

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 67.7845, 59.3026, 57.1641 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 67.7845, 59.3026, 57.1641

Background



This preview shows how black text looks on a background with the XYZ color 67.7845, 59.3026, 57.1641.



This preview shows how white text looks on a background with the XYZ color 67.7845, 59.3026,

57.1641.

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

67.7845, 59.3026, 57.1641

Protanopia

57.3953, 59.7235, 63.7611

Deuteranopia

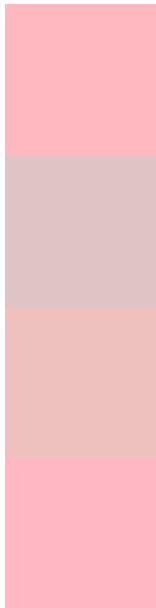
60.9201, 59.6480, 56.4465



Tritanopia

68.2515, 59.1582, 60.6447

Trichromacy



Original Color

67.7845, 59.3026, 57.1641

Protanomaly

60.3336, 58.9087, 61.0139

Deuteranomaly

63.4038, 59.5941, 56.8763

Tritanomaly

68.0238, 59.0671, 59.4456

Monochromacy



Original Color

67.7845, 59.3026, 57.1641

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

61.4772, 60.4525, 63.6866

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.7845, 59.3026, 57.1641 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, 184, 191) looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 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, 184, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 191) }
```

Border

The CSS property to change the border of an element to XYZ 67.7845, 59.3026, 57.1641 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, 184, 191) }
```


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

```
.border{ border-color:rgb(255, 184, 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, 184, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 67.7845, 59.3026, 57.1641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 191) }
```

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

```
.background{ background-color: rgb(255,  
184, 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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