

Converting Colors

XYZ(79.5834, 63.9635, 59.8610)

Have a look what the booklet for
XYZ(79.5834, 63.9635, 59.8610)
contains.

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Color

**XYZ(67.2104, 57.4403,
59.1745)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB3C3
RGB	255, 179, 195
RGB Percent	100%, 70%, 76%
CMY	0.0000, 0.2980, 0.2353
CMYK	0.00, 0.30, 0.24, 0.00
HSL	347°, 100%, 85%
HSV	347°, 30%, 100%
XYZ	67.2104, 57.4403, 59.1745
YIQ	203.5480, 40.1600, 21.0880

Conversions

Conversions Part 2

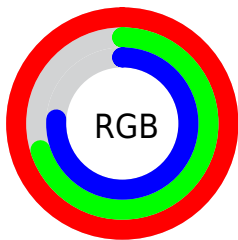
Format	Color
R_{YB}	255, 179, 195
Decimal	16757699
CIE _{Lab}	80.43, 29.82, 3.04
CIE _{LCh}	80, 29.976, 5.820
Yxy	57.4403, 0.3656, 0.3125
Android (android.graphics.Color)	4294947779 (0xFFFFB3C3)
YUV	203.5480, -4.2142, 45.1234
Hunter-Lab	75.7894, 25.6633, 6.7604

Details

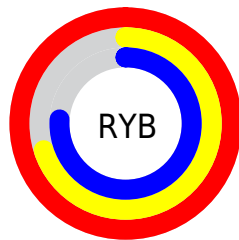
The XYZ color **67.2104, 57.4403, 59.1745** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.9326, 87.3367, 94.8371**, and the grayscale version is **57.1186, 60.0932, 65.4415**.

A 20% lighter version of the original color is **88.3609, 87.6417, 103.5262**, and **35.2945, 28.7151, 28.8816** is the 20% darker color. If you saturate the color by 10%, you get **60.4392, 47.2985, 46.4338**, and if you desaturate by 10%, it is **75.2364, 69.6000, 73.8491**.

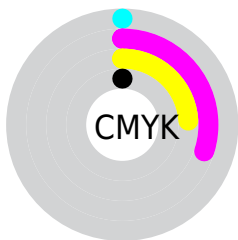
Distribution



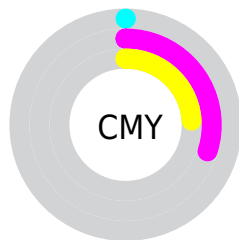
- Red (100%)
- Green (70%)
- Blue (76%)



- Red (100%)
- Yellow (70%)
- Blue (76%)



- Cyan (0%)
- Magenta (30%)
- Yellow (24%)
- Black (0%)





- Cyan (0%)
- Magenta (30%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.2104, 57.4403, 59.1745 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 67.2104, 57.4403, 59.1745 by changing the saturation by 10% instead.


 67.2104, 57.4403,
59.1745

 67.2104, 57.4403,
59.1745


440.1140,
415.0971, 439.2682

 49.5270, 41.3588,
42.3327


 114.2700,
101.1074, 105.1629

 35.2539, 28.5996,
29.0344


144.3768,
129.4618, 135.1465

 24.0260, 18.7781,
18.8610


179.3555,
162.6759, 170.3477

 15.4777, 11.5101,
11.3941

219.5714,
201.1343, 211.1852

 9.2438, 6.4110,
6.2151

265.3898,
245.2211, 258.0775

 4.9590, 3.0966,
2.9054


317.1762,

 2.2577, 1.1824,


295.3210, 311.4430


1.0465


375.2958,
351.8182, 371.7004


 0.7729, 0.0472,
0.0000


 0.0000, 0.0000,
0.0000


 67.2104, 57.4403,
59.1745


 67.2104, 57.4403,
59.1745

 60.4392, 47.2985,
46.4338

 75.2364, 69.6000,
73.8491

 54.8542, 39.0577,
35.5418

 84.5726, 83.8707,
90.5308

 50.3865, 32.6007,
26.4122

95.0500, 100.0000,
108.9000

 46.9584, 27.7943,
18.9501

■ 44.4816, 24.4864,
13.0511

■ 42.8525, 22.4962,
8.5984

■ 41.9130, 21.5380,
5.4470

■ 41.8982, 21.5233,
5.3959

Harmonies

Analogous

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



66.0961, 57.4403, 77.4484



67.2104, 57.4403, 59.1745



64.7447, 57.4403, 44.7595

Triad

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



67.2104, 57.4403, 59.1745



47.9697, 57.4403, 38.9261



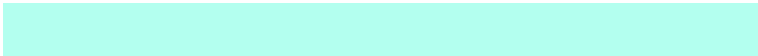
49.8983, 57.4403, 98.7599

Complementary

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



67.2104, 57.4403, 59.1745



69.9326, 87.3367, 94.8371

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.



45.5661, 57.4403, 84.5045



67.2104, 57.4403, 59.1745



44.5125, 57.4403, 49.6838

Square

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



67.2104, 57.4403, 59.1745



53.4062, 57.4403, 34.5627



43.6666, 57.4403, 66.0364



55.8019, 57.4403, 102.5970

Rectangle

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



67.2104, 57.4403, 59.1745



61.5041, 57.4403, 38.5226



43.6666, 57.4403, 66.0364



48.2243, 57.4403, 94.9122

Sweetspot

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



67.2118, 57.4429, 59.1757



85.3793, 85.1088, 91.9569



69.6111, 57.7326, 102.0823



17.9626, 17.7380, 19.1305



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.



67.2118, 57.4429, 59.1757



62.8703, 50.9245, 51.0550



70.1564, 66.0731, 51.7069



18.1658, 18.0496, 19.4901



21.9361, 11.2637, 3.0482



2.1735, 1.1118, 0.4951

Inverse Universe

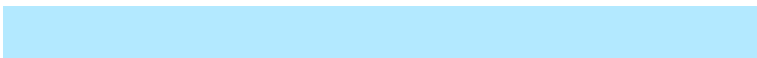
The Inverse Universe completely reimagines the original color for something new.



67.2118, 57.4429, 59.1757



62.8703, 50.9245, 51.0550



65.9136, 75.3479, 105.6773



18.1658, 18.0496, 19.4901



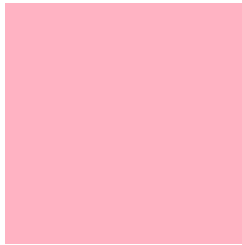
21.9361, 11.2637, 3.0482



2.1735, 1.1118, 0.4951

Previews

White Background



This preview shows how the XYZ color 67.2104, 57.4403, 59.1745 looks on a white background.

Color Contrast Check

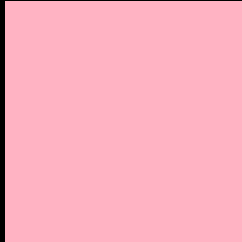
Large Text (above 18pt) WCAG AA × Fail

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 67.2104, 57.4403, 59.1745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

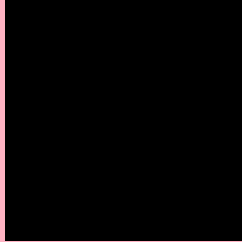
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.2104, 57.4403, 59.1745

Background



This preview shows how black text looks on a background with the XYZ color 67.2104, 57.4403, 59.1745.



This preview shows how white text looks on a background with the XYZ color 67.2104, 57.4403,

59.1745.

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

67.2104, 57.4403, 59.1745

Protanopia

55.9211, 57.8596, 66.6132

Deuteranopia

58.7086, 57.4753, 57.8687



Tritanopia

66.9857, 57.3505, 57.9913

Trichromacy



Original Color

67.2104, 57.4403, 59.1745



Protanomaly

59.3291, 57.3357, 63.8170



Deuteranomaly

61.5405, 57.3091, 58.2703



Tritanomaly

67.0977, 57.3952, 58.5809

Monochromacy



Original Color

67.2104, 57.4403, 59.1745



Achromatopsia

57.3938, 60.3827, 65.7568



Achromatomaly

60.4891, 58.9352, 63.4459

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2104, 57.4403, 59.1745 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, 179, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 195)  
}
```

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, 179, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 195) }
```

Border

The CSS property to change the border of an element to XYZ 67.2104, 57.4403, 59.1745 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, 179, 195) }
```


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

```
.border{ border-color:rgb(255, 179, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 179, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2104, 57.4403, 59.1745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 195) }
```

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

```
.background{ background-color: rgb(255,  
179, 195) }
```

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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