

Converting Colors

XYZ(66.9439, 59.8486, 64.1309)

Have a look what the booklet for
XYZ(66.9439, 59.8486, 64.1309)
contains.

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Color

**XYZ(67.0017, 60.0049,
63.9278)**

Conversions

Conversions Part 1

Format	Color
Hex	F7BCCA
RGB	247, 188, 202
RGB Percent	97%, 74%, 79%
CMY	0.0314, 0.2627, 0.2078
CMYK	0.00, 0.24, 0.18, 0.03
HSL	346°, 79%, 85%
HSV	346°, 24%, 97%
XYZ	67.0017, 60.0049, 63.9278
YIQ	207.2370, 30.6700, 16.8620

Conversions

Conversions Part 2

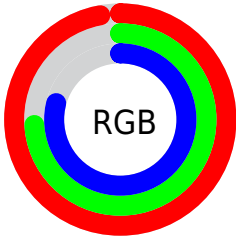
Format	Color
R _Y B	247, 188, 202
Decimal	16235722
CIE Lab	81.84, 23.26, 1.22
CIE LCh	82, 23.296, 3.002
Yxy	60.0049, 0.3509, 0.3143
Android (android.graphics.Color)	4294425802 (0xFFFF7BCCA)
YUV	207.2370, -2.5818, 34.8722
Hunter-Lab	77.4628, 18.8341, 5.2937

Details

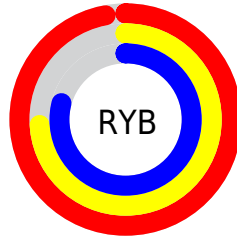
The XYZ color **67.0017, 60.0049, 63.9278** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.7103, 83.0977, 89.5130**, and the grayscale version is **59.4646, 62.5614, 68.1294**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **35.1056, 30.1355, 31.9834** is the 20% darker color. If you saturate the color by 10%, you get **60.0736, 49.5031, 51.2763**, and if you desaturate by 10%, it is **75.1085, 72.4271, 78.3173**.

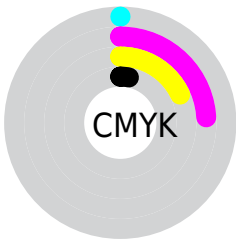
Distribution



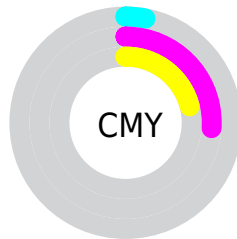
- Red (97%)
- Green (74%)
- Blue (79%)



- Red (97%)
- Yellow (74%)
- Blue (79%)



- Cyan (0%)
- Magenta (24%)
- Yellow (18%)
- Black (3%)



- Cyan (3%)
- Magenta (26%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.0017, 60.0049, 63.9278 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 67.0017, 60.0049, 63.9278 by changing the saturation by 10% instead.


 67.0017, 60.0049,
63.9278

 67.0017, 60.0049,
63.9278


439.3832,
424.6158, 457.1292

 49.3567, 43.4226,
46.1464


 113.9726,
104.8368, 112.1054

 35.1182, 30.2168,
32.0119


144.0293,
133.8551, 143.3387

 23.9209, 20.0032,
21.1057


178.9539,
167.7876, 179.8930

 15.3994, 12.3974,
13.0093

219.1117,
207.0186, 222.1869

 9.1883, 7.0149,
7.3041

264.8683,
251.9326, 270.6390

 4.9223, 3.4714,
3.5717


316.5888,


 2.2360, 1.3825,

302.9138, 325.6677

1.3934


374.6386,
360.3468, 387.6915


 0.7616, 0.2038,
0.1366


 0.0000, 0.0000,
0.0000


 67.0017, 60.0049,
63.9278

 67.0017, 60.0049,
63.9278


 60.0736, 49.5031,
51.2763


 75.1085, 72.4271,
78.3173

 54.2635, 40.8175,
40.2923

 84.4410, 86.8506,
94.5042

 49.5127, 33.8468,
30.9059

 92.1681, 98.5143,
108.7651

 45.7549, 28.4763,
23.0405

■ 42.9162, 24.5768,
16.6131

■ 40.9117, 21.9994,
11.5320

■ 39.6396, 20.5626,
7.6935

■ 39.1370, 20.0859,
5.8971

Harmonies

Analogous

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



65.8757, 60.0049, 78.4097



67.0017, 60.0049, 63.9278



65.3323, 60.0049, 51.6730

Triad

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



67.0017, 60.0049, 63.9278



52.0382, 60.0049, 45.1617



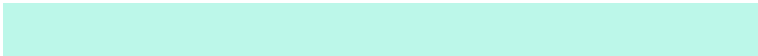
52.8489, 60.0049, 92.5434

Complementary

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



67.0017, 60.0049, 63.9278



68.7103, 83.0977, 89.5130

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.



49.4678, 60.0049, 81.2153



67.0017, 60.0049, 63.9278



49.0190, 60.0049, 53.8013

Square

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



67.0017, 60.0049, 63.9278



56.5393, 60.0049, 41.8603



48.1054, 60.0049, 66.7630



57.5293, 60.0049, 96.2659

Rectangle

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



67.0017, 60.0049, 63.9278



62.9119, 60.0049, 46.0134



48.1054, 60.0049, 66.7630



51.5320, 60.0049, 89.4257

Sweetspot

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



67.0034, 60.0076, 63.9290



87.5023, 88.2892, 95.9502



68.1337, 59.8825, 95.9638



18.5965, 18.6924, 20.3081



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.



67.0034, 60.0076, 63.9290



68.0356, 58.4327, 61.4782



68.7339, 66.0015, 56.6973



16.6602, 16.5469, 17.9574



20.7438, 10.6410, 3.3593



1.8616, 0.9506, 0.4978

Inverse Universe

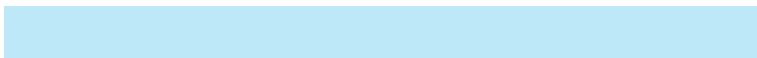
The Inverse Universe completely reimagines the original color for something new.



67.0034, 60.0076, 63.9290



68.0356, 58.4327, 61.4782



66.4568, 75.2628, 99.0209



16.6602, 16.5469, 17.9574



20.7438, 10.6410, 3.3593



1.8616, 0.9506, 0.4978

Previews

White Background



This preview shows how the XYZ color 67.0017, 60.0049, 63.9278 looks on a white background.

Color Contrast Check

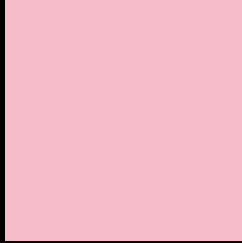
Large Text (above 18pt) WCAG AA × Fail

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 67.0017, 60.0049, 63.9278 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 67.0017, 60.0049, 63.9278

Background



This preview shows how black text looks on a background with the XYZ color 67.0017, 60.0049, 63.9278.



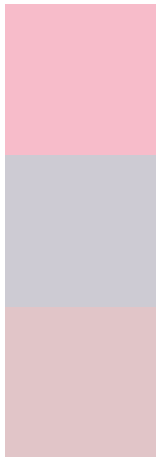
This preview shows how white text looks on a background with the XYZ color 67.0017, 60.0049,

63.9278.

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

67.0017, 60.0049, 63.9278

Protanopia

58.2906, 60.3942, 70.2130

Deuteranopia

61.4429, 60.1102, 63.0076



Tritanopia

67.0017, 60.0049, 63.9278

Trichromacy



Original Color

67.0017, 60.0049, 63.9278

Protanomaly

61.0944, 60.1579, 68.0661

Deuteranomaly

63.4387, 60.1243, 63.5199

Tritanomaly

67.0017, 60.0049, 63.9278

Monochromacy



Original Color

67.0017, 60.0049, 63.9278

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

61.7979, 61.2459, 66.3222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.0017, 60.0049, 63.9278 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(247, 188, 202)` looks like.

```
.text, #text, p{  
    color:rgb(247, 188, 202)  
}
```

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(247, 188, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 188, 202) }
```

Border

The CSS property to change the border of an element to XYZ 67.0017, 60.0049, 63.9278 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(247, 188, 202) }
```


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

```
.border{ border-color:rgb(247, 188, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 188, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 188, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 188, 202);  
box-shadow:4px 4px 4px 4px rgb(247, 188,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 67.0017, 60.0049, 63.9278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 188, 202) }
```

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

```
.background{ background-color: rgb(247,  
188, 202) }
```

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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