

Converting Colors

XYZ(67.2030, 58.9393, 68.5162)

Have a look what the booklet for
XYZ(67.2030, 58.9393, 68.5162)
contains.

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Color

**XYZ(67.3396, 59.1252,
68.8359)**

Conversions

Conversions Part 1

Format	Color
Hex	F7B9D2
RGB	247, 185, 210
RGB Percent	97%, 73%, 82%
CMY	0.0314, 0.2745, 0.1765
CMYK	0.00, 0.25, 0.15, 0.03
HSL	336°, 79%, 85%
HSV	336°, 25%, 97%
XYZ	67.3396, 59.1252, 68.8359
YIQ	206.3880, 28.9270, 20.9190

Conversions

Conversions Part 2

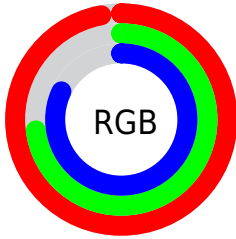
Format	Color
R _Y B	247, 185, 210
Decimal	16234962
CIE Lab	81.36, 26.08, -3.79
CIE LCh	81, 26.356, 351.734
Yxy	59.1252, 0.3448, 0.3027
Android (android.graphics.Color)	4294425042 (0xFFF7B9D2)
YUV	206.3880, 1.7807, 35.6167
Hunter-Lab	76.8929, 21.7602, 0.7476

Details

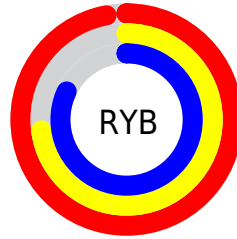
The XYZ color **67.3396, 59.1252, 68.8359** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.4556, 82.1113, 81.4576**, and the grayscale version is **58.8922, 61.9591, 67.4735**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **35.3523, 29.5800, 35.2987** is the 20% darker color. If you saturate the color by 10%, you get **60.8617, 48.9740, 58.0291**, and if you desaturate by 10%, it is **74.8877, 71.1446, 80.8355**.

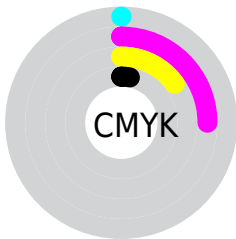
Distribution



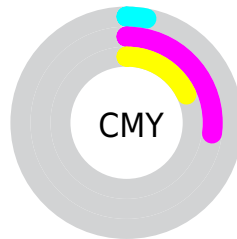
- Red (97%)
- Green (73%)
- Blue (82%)



- Red (97%)
- Yellow (73%)
- Blue (82%)



- Cyan (0%)
- Magenta (25%)
- Yellow (15%)
- Black (3%)





- Cyan (3%)
- Magenta (27%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.3396, 59.1252, 68.8359 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 67.3396, 59.1252, 68.8359 by changing the saturation by 10% instead.


 67.3396, 59.1252,
68.8359

 67.3396, 59.1252,
68.8359


440.5661,
421.3657, 475.1302

 49.6324, 42.7139,
50.1072


 114.4540,
103.5596, 119.2127

 35.3380, 29.6607,
35.1268


144.5919,
132.3515, 151.6977

 24.0911, 19.5812,
23.4762


179.6040,
166.0391, 189.6054

 15.5263, 12.0910,
14.7369

219.8558,
205.0067, 233.3540

 9.2783, 6.8057,
8.4904

265.7125,
249.6388, 283.3623

 4.9817, 3.3409,
4.3181


317.5396,


 2.2712, 1.3122,


300.3197, 340.0488


1.8014


375.7023,
357.4339, 403.8319


 0.7799, 0.1506,
0.4289


 0.0000, 0.0000,
0.0000

 67.3396, 59.1252,
68.8359


 67.3396, 59.1252,
68.8359


 60.8617, 48.9740,
58.0291


 74.8877, 71.1446,
80.8355


 55.3980, 40.5882,
48.3719

 83.5483, 85.1121,
94.0616

 50.8947, 33.8676,
39.8239

 92.0436, 98.4645,
108.1097

 47.2911, 28.6983,
32.3401

 92.1681, 98.5143,
108.7651

■ 44.5188, 24.9520,
25.8721

■ 42.4988, 22.4795,
20.3664

■ 41.1348, 21.0974,
15.7621

■ 40.6384, 20.6864,
13.8030

Harmonies

Analogous

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



64.9266, 59.1252, 85.0423



67.3396, 59.1252, 68.8359



66.6171, 59.1252, 53.7886

Triad

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



67.3396, 59.1252, 68.8359



52.3664, 59.1252, 40.1179



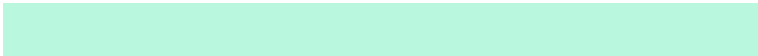
49.8911, 59.1252, 91.2414

Complementary

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



67.3396, 59.1252, 68.8359



66.4556, 82.1113, 81.4576

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.



46.9239, 59.1252, 76.2717



67.3396, 59.1252, 68.8359



48.2867, 59.1252, 47.3645

Square

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



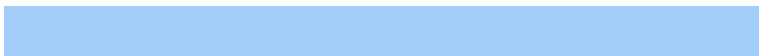
67.3396, 59.1252, 68.8359



57.7327, 59.1252, 38.7899



46.3563, 59.1252, 60.1155



54.6882, 59.1252, 99.2901

Rectangle

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



67.3396, 59.1252, 68.8359



64.4741, 59.1252, 46.2278



46.3563, 59.1252, 60.1155



48.6600, 59.1252, 86.7463

Sweetspot

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



67.3413, 59.1279, 68.8371



86.9852, 86.9084, 96.8459



64.0093, 56.8146, 95.5891



18.3128, 18.1085, 20.2646



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.



67.3413, 59.1279, 68.8371



68.8113, 57.9206, 68.0979



65.5664, 60.1789, 54.0621



16.7760, 16.5932, 18.5669



21.5580, 10.9666, 7.6466



1.9442, 0.9836, 0.9324

Inverse Universe

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



67.3413, 59.1279, 68.8371



68.8113, 57.9206, 68.0979



68.5006, 80.4363, 99.9118



16.7760, 16.5932, 18.5669



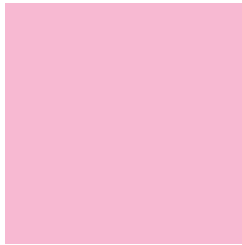
21.5580, 10.9666, 7.6466



1.9442, 0.9836, 0.9324

Previews

White Background



This preview shows how the XYZ color 67.3396, 59.1252, 68.8359 looks on a white background.

Color Contrast Check

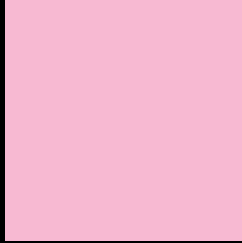
Large Text (above 18pt) WCAG AA × Fail

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 67.3396, 59.1252, 68.8359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

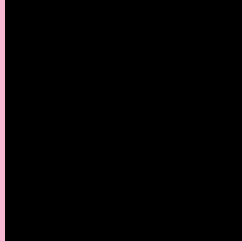
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.3396, 59.1252, 68.8359

Background



This preview shows how black text looks on a background with the XYZ color 67.3396, 59.1252, 68.8359.



This preview shows how white text looks on a background with the XYZ color 67.3396, 59.1252,

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

67.3396, 59.1252, 68.8359

Protanopia

57.8923, 59.3581, 76.1162

Deuteranopia

60.6403, 59.2496, 67.9147



Tritanopia

66.3190, 59.3505, 63.2187

Trichromacy



Original Color

67.3396, 59.1252, 68.8359

Protanomaly

60.8232, 58.8935, 73.1276

Deuteranomaly

62.9914, 59.1257, 68.4140

Tritanomaly

66.4640, 59.0703, 65.0254

Monochromacy



Original Color

67.3396, 59.1252, 68.8359

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

61.2754, 60.2653, 67.4343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3396, 59.1252, 68.8359 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, 185, 210)` looks like.

```
.text, #text, p{  
    color:rgb(247, 185, 210)  
}
```

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, 185, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 185, 210) }
```

Border

The CSS property to change the border of an element to XYZ 67.3396, 59.1252, 68.8359 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, 185, 210) }
```


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

```
.border{ border-color:rgb(247, 185, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 185, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 185, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 185, 210);  
box-shadow:4px 4px 4px 4px rgb(247, 185,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3396, 59.1252, 68.8359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 185, 210) }
```

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

```
.background{ background-color: rgb(247,  
185, 210) }
```

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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