

Converting Colors

XYZ(68.4472, 59.8353, 69.3880)

Have a look what the booklet for
XYZ(68.4472, 59.8353, 69.3880)
contains.

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Color

**XYZ(68.5312, 59.7251,
69.5441)**

Conversions

Conversions Part 1

Format	Color
Hex	FAB9D3
RGB	250, 185, 211
RGB Percent	98%, 73%, 83%
CMY	0.0196, 0.2745, 0.1725
CMYK	0.00, 0.26, 0.16, 0.02
HSL	336°, 87%, 85%
HSV	336°, 26%, 98%
XYZ	68.5312, 59.7251, 69.5441
YIQ	207.3990, 30.3940, 21.8660

Conversions

Conversions Part 2

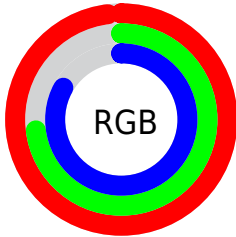
Format	Color
R _Y B	250, 185, 211
Decimal	16431571
CIE Lab	81.69, 27.28, -3.81
CIE LCh	82, 27.546, 352.050
Yxy	59.7251, 0.3465, 0.3019
Android (android.graphics.Color)	4294621651 (0xFFFAB9D3)
YUV	207.3990, 1.7753, 37.3611
Hunter-Lab	77.2820, 23.0445, 0.7439

Details

The XYZ color **68.5312, 59.7251, 69.5441** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.6503, 84.0689, 83.1865**, and the grayscale version is **59.5421, 62.6429, 68.2181**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **36.1944, 30.0044, 35.7821** is the 20% darker color. If you saturate the color by 10%, you get **61.9603, 49.4534, 58.5044**, and if you desaturate by 10%, it is **76.2006, 71.9115, 81.8173**.

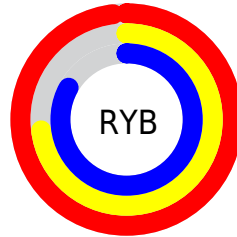
Distribution



Red (98%)

Green (73%)

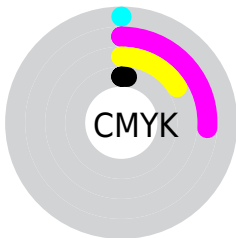
Blue (83%)



Red (98%)

Yellow (73%)

Blue (83%)

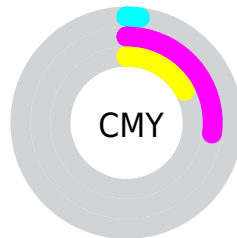


Cyan (0%)

Magenta (26%)

Yellow (16%)

Black (2%)



Cyan (2%)


Magenta (27%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.5312, 59.7251, 69.5441 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 68.5312, 59.7251, 69.5441 by changing the saturation by 10% instead.


 68.5312, 59.7251,
69.5441

 68.5312, 59.7251,
69.5441


444.7231,
423.5838, 477.6934

 50.6053, 43.1971,
50.6804


 116.1495,
104.4308, 120.2334

 36.1143, 30.0398,
35.5794


146.5725,
133.3773, 152.8961

 24.6930, 19.8688,
23.8224


181.8920,
167.2320, 190.9956

 15.9760, 12.2997,
14.9910

222.4733,
206.3794, 234.9504

 9.5979, 6.9481,
8.6665

268.6816,
251.2039, 285.1790

 5.1934, 3.4297,
4.4305

320.8825,

 2.3971, 1.3600,

302.0899, 342.1001

1.8643

379.4412,
359.4217, 406.1320

■ 0.8437, 0.1869,
0.4699

■ 0.0000, 0.0000,
0.0000

■ 68.5312, 59.7251,
69.5441

■ 68.5312, 59.7251,
69.5441

■ 61.9603, 49.4534,
58.5044

■ 76.2006, 71.9115,
81.8173

■ 56.4298, 40.9899,
48.6531

■ 85.0125, 86.0955,
95.3592

■ 51.8839, 34.2304,
39.9479

■ 93.2347, 99.0642,
108.8150

■ 48.2592, 29.0563,
32.3416

■ 45.4844, 25.3339,
25.7835

■ 43.4767, 22.9069,
20.2173

■ 42.1344, 21.5818,
15.5788

■ 41.7244, 21.2441,
13.9553

Harmonies

Analogous

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



66.0131, 59.7251, 86.6922



68.5312, 59.7251, 69.5441



67.7318, 59.7251, 53.7725

Triad

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



68.5312, 59.7251, 69.5441



52.6863, 59.7251, 39.7136



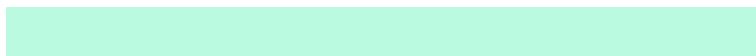
50.1874, 59.7251, 93.5750

Complementary

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



68.5312, 59.7251, 69.5441



67.6503, 84.0689, 83.1865

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.



47.0543, 59.7251, 77.7594



68.5312, 59.7251, 69.5441



48.4271, 59.7251, 47.3159

Square

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



68.5312, 59.7251, 69.5441



58.3218, 59.7251, 38.2723



46.4324, 59.7251, 60.7165



55.2399, 59.7251, 102.0258

Rectangle

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



68.5312, 59.7251, 69.5441



65.4482, 59.7251, 45.9153



46.4324, 59.7251, 60.7165



48.8894, 59.7251, 88.8276

Sweetspot

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



68.5329, 59.7278, 69.5453



86.9752, 86.9044, 96.7936



65.3471, 57.4504, 98.0881



18.3104, 18.1075, 20.2515



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.



68.5329, 59.7278, 69.5453



68.0874, 56.8238, 66.7748



66.9235, 61.3097, 54.2090



17.5322, 17.3402, 19.3924



22.1981, 11.2950, 7.7518



2.1067, 1.0664, 0.9852

Inverse Universe

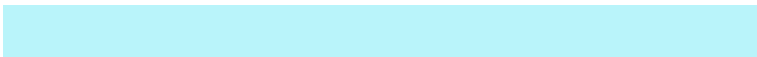
The Inverse Universe completely reimagines the original color for something new.



68.5329, 59.7278, 69.5453



68.0874, 56.8238, 66.7748



69.4654, 81.6189, 102.5360



17.5322, 17.3402, 19.3924



22.1981, 11.2950, 7.7518



2.1067, 1.0664, 0.9852

Previews

White Background



This preview shows how the XYZ color 68.5312, 59.7251, 69.5441 looks on a white background.

Color Contrast Check

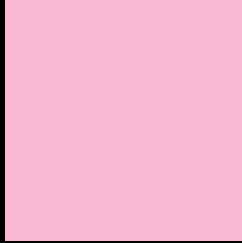
Large Text (above 18pt) WCAG AA × Fail

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 68.5312, 59.7251, 69.5441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

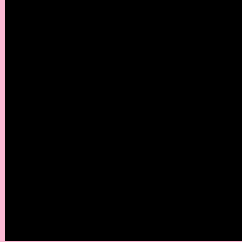
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.5312, 59.7251, 69.5441

Background



This preview shows how black text looks on a background with the XYZ color 68.5312, 59.7251, 69.5441.



This preview shows how white text looks on a background with the XYZ color 68.5312, 59.7251,

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

68.5312, 59.7251, 69.5441

Protanopia

58.5288, 60.0181, 76.9065

Deuteranopia

61.2937, 59.9081, 68.6545



Tritanopia

67.3799, 59.8974, 63.2684

Trichromacy



Original Color

68.5312, 59.7251, 69.5441

Protanomaly

61.4777, 59.5497, 73.8997

Deuteranomaly

63.9815, 59.9489, 69.1719

Tritanomaly

67.6453, 59.6653, 65.7089

Monochromacy



Original Color

68.5312, 59.7251, 69.5441

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

62.2400, 61.0889, 68.1854

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.5312, 59.7251, 69.5441 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(250, 185, 211)` looks like.

```
.text, #text, p{  
    color:rgb(250, 185, 211)  
}
```

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(250, 185, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 185, 211) }
```

Border

The CSS property to change the border of an element to XYZ 68.5312, 59.7251, 69.5441 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(250, 185, 211) }
```


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

```
.border{ border-color:rgb(250, 185, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 185, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 185, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 185, 211);  
box-shadow:4px 4px 4px 4px rgb(250, 185,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 68.5312, 59.7251, 69.5441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 185, 211) }
```

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

```
.background{ background-color: rgb(250,  
185, 211) }
```

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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