

Converting Colors

XYZ(68.2720, 61.2509, 64.8931)

Have a look what the booklet for
XYZ(68.2720, 61.2509, 64.8931)
contains.

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Color

**XYZ(68.2599, 61.2784,
64.7302)**

Conversions

Conversions Part 1

Format	Color
Hex	F9BECB
RGB	249, 190, 203
RGB Percent	98%, 75%, 80%
CMY	0.0235, 0.2549, 0.2039
CMYK	0.00, 0.24, 0.18, 0.02
HSL	347°, 83%, 86%
HSV	347°, 24%, 98%
XYZ	68.2599, 61.2784, 64.7302
YIQ	209.1230, 30.9910, 16.5510

Conversions

Conversions Part 2

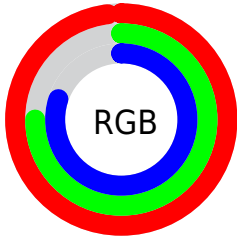
Format	Color
R_{YB}	249, 190, 203
Decimal	16367307
CIE _{Lab}	82.53, 23.07, 1.71
CIE _{LCh}	83, 23.133, 4.232
Yxy	61.2784, 0.3514, 0.3154
Android (android.graphics.Color)	4294557387 (0xFFFF9BECB)
YUV	209.1230, -3.0186, 34.9721
Hunter-Lab	78.2805, 18.6595, 5.7694

Details

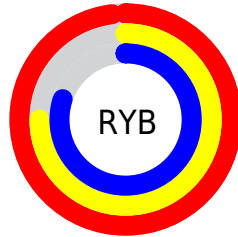
The XYZ color **68.2599, 61.2784, 64.7302** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.2537, 84.7562, 92.0178**, and the grayscale version is **60.6909, 63.8516, 69.5344**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **35.9672, 30.9847, 32.5187** is the 20% darker color. If you saturate the color by 10%, you get **61.1499, 50.5317, 51.6510**, and if you desaturate by 10%, it is **76.5844, 73.9892, 79.6451**.

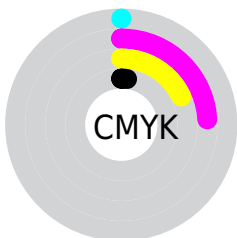
Distribution



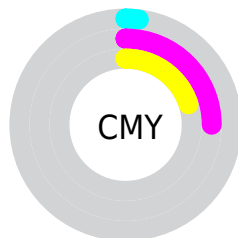
- Red (98%)
- Green (75%)
- Blue (80%)



- Red (98%)
- Yellow (75%)
- Blue (80%)



- Cyan (0%)
- Magenta (24%)
- Yellow (18%)
- Black (2%)



- Cyan (2%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.2599, 61.2784, 64.7302 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 68.2599, 61.2784, 64.7302 by changing the saturation by 10% instead.

68.2599, 61.2784,
64.7302

68.2599, 61.2784,
64.7302

443.7786,
429.2940, 460.1014

50.3837, 44.4499,
46.7924

115.7637,
106.6819, 113.2714

35.9374, 31.0243,
32.5184

146.1220,
136.0257, 144.7119

24.5557, 20.6174,
21.4897

181.3717,
170.3101, 181.4904

15.8733, 12.8446,
13.2877

221.8782,
209.9194, 224.0254

9.5248, 7.3216,
7.4939

268.0067,
255.2381, 272.7355

5.1449, 3.6641,
3.6898


320.1228,


2.3682, 1.4875,


306.6505, 328.0392

1.4567


378.5916,
364.5410, 390.3550


 0.8292, 0.2799,
0.1854


 0.0000, 0.0000,
0.0000


 68.2599, 61.2784,
64.7302


 68.2599, 61.2784,
64.7302


 61.1499, 50.5317,
51.6510

 76.5844, 73.9892,
79.6451

 55.1917, 41.6428,
40.3321

 86.1719, 88.7466,
96.4598

 50.3249, 34.5080,
30.6979

 92.8772, 98.8799,
108.7983

 46.4812, 29.0102,
22.6662

■ 43.5844, 25.0179,
16.1473

■ 41.5470, 22.3788,
11.0422

■ 40.2642, 20.9082,
7.2389

■ 39.7532, 20.4143,
5.4408

Harmonies

Analogous

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



67.2419, 61.2784, 79.2866



68.2599, 61.2784, 64.7302



66.4718, 61.2784, 52.5325

Triad

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



68.2599, 61.2784, 64.7302



53.0515, 61.2784, 46.6280



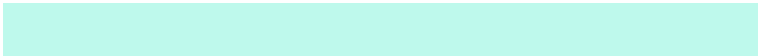
54.2030, 61.2784, 94.4026

Complementary

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



68.2599, 61.2784, 64.7302



70.2537, 84.7562, 92.0178

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.



50.7235, 61.2784, 83.2603



68.2599, 61.2784, 64.7302



50.0856, 61.2784, 55.5599

Square

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



68.2599, 61.2784, 64.7302



57.5437, 61.2784, 43.0628



49.2579, 61.2784, 68.7538



58.9485, 61.2784, 97.7640

Rectangle

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



68.2599, 61.2784, 64.7302



63.9853, 61.2784, 46.9587



49.2579, 61.2784, 68.7538



52.8555, 61.2784, 91.3724

Sweetspot

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



68.2616, 61.2812, 64.7315



87.4571, 88.2711, 95.7119



69.8525, 61.3713, 97.7875



18.5861, 18.6882, 20.2531



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.



68.2616, 61.2812, 64.7315



68.6445, 59.5138, 62.1022



70.3704, 67.8744, 58.1107



17.4011, 17.2878, 18.7020



21.3221, 10.9446, 3.1388



2.0126, 1.0288, 0.4897

Inverse Universe

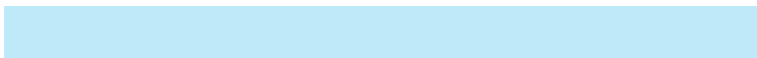
The Inverse Universe completely reimagines the original color for something new.



68.2616, 61.2812, 64.7315



68.6445, 59.5138, 62.1022



67.5508, 76.2177, 100.7744



17.4011, 17.2878, 18.7020



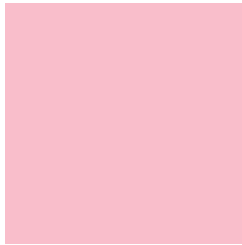
21.3221, 10.9446, 3.1388



2.0126, 1.0288, 0.4897

Previews

White Background



This preview shows how the XYZ color 68.2599, 61.2784, 64.7302 looks on a white background.

Color Contrast Check

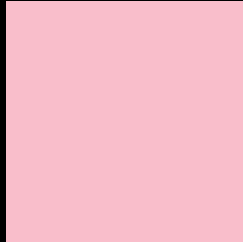
Large Text (above 18pt) WCAG AA × Fail

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 68.2599, 61.2784, 64.7302 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 68.2599, 61.2784, 64.7302

Background



This preview shows how black text looks on a background with the XYZ color 68.2599, 61.2784, 64.7302.



This preview shows how white text looks on a background with the XYZ color 68.2599, 61.2784,

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

68.2599, 61.2784, 64.7302

Protanopia

59.6016, 61.7757, 70.4106

Deuteranopia

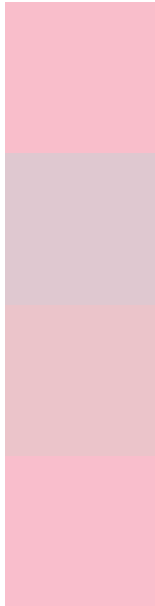
62.6446, 61.3948, 63.8070



Tritanopia

68.3795, 61.3263, 65.3599

Trichromacy



Original Color

68.2599, 61.2784, 64.7302

Protanomaly

62.4709, 61.5506, 68.2624

Deuteranomaly

64.6615, 61.4063, 64.3217

Tritanomaly

68.3795, 61.3263, 65.3599

Monochromacy



Original Color

68.2599, 61.2784, 64.7302

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

63.1235, 62.5933, 67.7862

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.2599, 61.2784, 64.7302 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(249, 190, 203) looks like.

```
.text, #text, p{  
    color:rgb(249, 190, 203)  
}
```

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(249, 190, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 190, 203) }
```

Border

The CSS property to change the border of an element to XYZ 68.2599, 61.2784, 64.7302 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(249, 190, 203) }
```


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

```
.border{ border-color:rgb(249, 190, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 190, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 190, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 190, 203);  
box-shadow:4px 4px 4px 4px rgb(249, 190,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 68.2599, 61.2784, 64.7302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 190, 203) }
```

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

```
.background{ background-color: rgb(249,  
190, 203) }
```

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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