

Converting Colors

XYZ(68.4959, 58.6168, 63.9018)

Have a look what the booklet for
XYZ(68.4959, 58.6168, 63.9018)
contains.

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Color

**XYZ(68.5434, 58.6195,
64.2020)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB5CB
RGB	255, 181, 203
RGB Percent	100%, 71%, 80%
CMY	0.0000, 0.2902, 0.2039
CMYK	0.00, 0.29, 0.20, 0.00
HSL	342°, 100%, 85%
HSV	342°, 29%, 100%
XYZ	68.5434, 58.6195, 64.2020
YIQ	205.6340, 37.0420, 22.5300

Conversions

Conversions Part 2

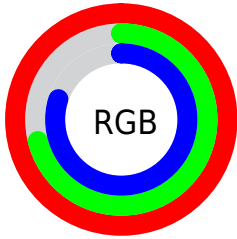
Format	Color
R _Y B	255, 181, 203
Decimal	16758219
CIE Lab	81.08, 29.92, -0.33
CIE LCh	81, 29.924, 359.373
Yxy	58.6195, 0.3582, 0.3063
Android (android.graphics.Color)	4294948299 (0xFFFFB5CB)
YUV	205.6340, -1.2986, 43.2940
Hunter-Lab	76.5634, 25.8163, 3.8769

Details

The XYZ color **68.5434, 58.6195, 64.2020** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.5261, 87.2280, 90.2667**, and the grayscale version is **58.4250, 61.4676, 66.9382**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **36.0401, 29.2190, 32.1741** is the 20% darker color. If you saturate the color by 10%, you get **61.8113, 48.3777, 52.0240**, and if you desaturate by 10%, it is **76.4740, 70.8629, 77.9989**.

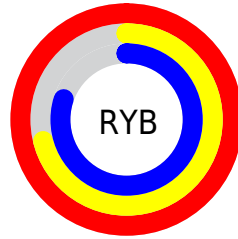
Distribution



Red (100%)

Green (71%)

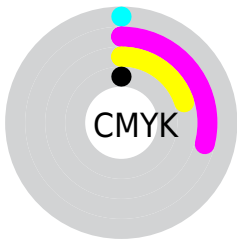
Blue (80%)



Red (100%)

Yellow (71%)

Blue (80%)

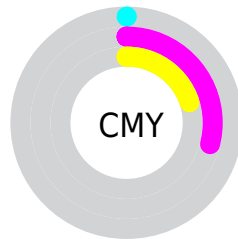


Cyan (0%)

Magenta (29%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.5434, 58.6195, 64.2020 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 68.5434, 58.6195, 64.2020 by changing the saturation by 10% instead.


 68.5434, 58.6195,
64.2020

 68.5434, 58.6195,
64.2020


444.7655,
419.4904, 458.1462

 50.6152, 42.3069,
46.3671


 116.1668,
102.8244, 112.5041

 36.1223, 29.3417,
32.1848


146.5928,
131.4856, 143.8083

 24.6992, 19.3394,
21.2367


181.9154,
165.0317, 180.4393

 15.9806, 11.9158,
13.1042

222.5000,
203.8471, 222.8158

 9.6012, 6.6864,
7.3688

268.7120,
248.3163, 271.3561

 5.1956, 3.2667,
3.6119

320.9166,

 2.3984, 1.2725,

298.8237, 326.4790

1.4149

379.4794,
355.7536, 388.6028

■ 0.8443, 0.1198,
0.1533

■ 0.0000, 0.0000,
0.0000

■ 68.5434, 58.6195,
64.2020

■ 68.5434, 58.6195,
64.2020

■ 61.8113, 48.3777,
52.0240

■ 76.4740, 70.8629,
77.9989

■ 56.2134, 40.0229,
41.3999

■ 85.6548, 85.1992,
93.4690

■ 51.6855, 33.4405,
32.2654

95.0500, 100.0000,
108.9000

■ 48.1550, 28.5003,
24.5502

■ 45.5396, 25.0539,
18.1772

■ 43.7429, 22.9258,
13.0612

■ 42.6267, 21.8582,
9.0980

■ 42.5376, 21.7790,
8.7630

Harmonies

Analogous

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



66.6476, 58.6195, 82.9029



68.5434, 58.6195, 64.2020



66.7951, 58.6195, 48.4652

Triad

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



68.5434, 58.6195, 64.2020



50.0565, 58.6195, 38.4012



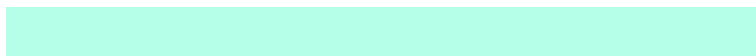
49.8458, 58.6195, 98.0478

Complementary

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



68.5434, 58.6195, 64.2020



69.5261, 87.2280, 90.2667

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.



45.9353, 58.6195, 82.1329



68.5434, 58.6195, 64.2020



46.0504, 58.6195, 47.9272

Square

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



68.5434, 58.6195, 64.2020



55.8470, 58.6195, 35.3509



44.5981, 58.6195, 63.4528



55.5854, 58.6195, 104.5410

Rectangle

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



68.5434, 58.6195, 64.2020



63.8671, 58.6195, 41.2113



44.5981, 58.6195, 63.4528



48.2899, 58.6195, 93.4927

Sweetspot

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



68.5447, 58.6221, 64.2032



85.6718, 85.2258, 93.4971



68.1147, 57.5605, 102.1280



18.0342, 17.7666, 19.5076



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.



68.5447, 58.6221, 64.2032



64.3763, 52.2598, 56.7262



69.2770, 63.9883, 52.4190



18.2315, 18.0759, 19.8364



22.2836, 11.4027, 4.8778



2.2152, 1.1285, 0.7149

Inverse Universe

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



68.5447, 58.6221, 64.2032



64.3763, 52.2598, 56.7262



68.3268, 79.4832, 106.3483



18.2315, 18.0759, 19.8364



22.2836, 11.4027, 4.8778



2.2152, 1.1285, 0.7149

Previews

White Background



This preview shows how the XYZ color 68.5434, 58.6195, 64.2020 looks on a white background.

Color Contrast Check

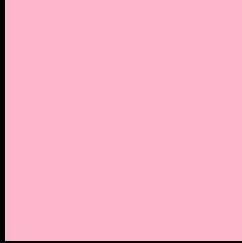
Large Text (above 18pt) WCAG AA × Fail

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 68.5434, 58.6195, 64.2020 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 68.5434, 58.6195, 64.2020

Background



This preview shows how black text looks on a background with the XYZ color 68.5434, 58.6195, 64.2020.



This preview shows how white text looks on a background with the XYZ color 68.5434, 58.6195,

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

68.5434, 58.6195, 64.2020

Protanopia

57.5095, 59.2361, 72.6926

Deuteranopia

60.0646, 58.7299, 62.8138



Tritanopia

67.5648, 58.5123, 59.9575

Trichromacy



Original Color

68.5434, 58.6195, 64.2020



Protanomaly

60.8685, 58.6589, 69.7422



Deuteranomaly

62.8878, 58.5364, 63.2424



Tritanomaly

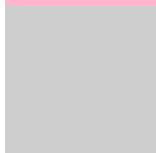
67.9098, 58.6502, 61.7742

Monochromacy



Original Color

68.5434, 58.6195, 64.2020



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

61.7262, 60.1876, 66.1217

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.5434, 58.6195, 64.2020 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, 181, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 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(255, 181, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 203) }
```

Border

The CSS property to change the border of an element to XYZ 68.5434, 58.6195, 64.2020 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, 181, 203) }
```


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

```
.border{ border-color:rgb(255, 181, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 181, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 68.5434, 58.6195, 64.2020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 203) }
```

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

```
.background{ background-color: rgb(255,  
181, 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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