

Converting Colors

XYZ(113.3204, 81.8546,
66.5256)

Have a look what the booklet for
XYZ(113.3204, 81.8546, 66.5256)
contains.

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Color

**XYZ(68.7474, 59.0277,
64.2700)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB6CB
RGB	255, 182, 203
RGB Percent	100%, 71%, 80%
CMY	0.0000, 0.2862, 0.2039
CMYK	0.00, 0.29, 0.20, 0.00
HSL	343°, 100%, 86%
HSV	343°, 29%, 100%
XYZ	68.7474, 59.0277, 64.2700
YIQ	206.2210, 36.7670, 22.0070

Conversions

Conversions Part 2

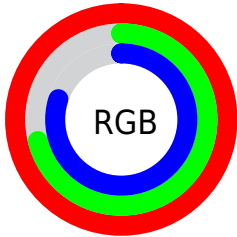
Format	Color
R _Y B	255, 182, 203
Decimal	16758475
CIE Lab	81.31, 29.40, 0.00
CIE LCh	81, 29.398, 0.002
Yxy	59.0277, 0.3580, 0.3074
Android (android.graphics.Color)	4294948555 (0xFFFFB6CB)
YUV	206.2210, -1.5880, 42.7792
Hunter-Lab	76.8295, 25.2711, 4.1829

Details

The XYZ color **68.7474, 59.0277, 64.2700** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.9049, 87.4067, 91.0326**, and the grayscale version is **58.8024, 61.8647, 67.3707**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **36.1699, 29.4786, 32.2173** is the 20% darker color. If you saturate the color by 10%, you get **61.9532, 48.7031, 51.9434**, and if you desaturate by 10%, it is **76.7491, 71.3607, 78.2520**.

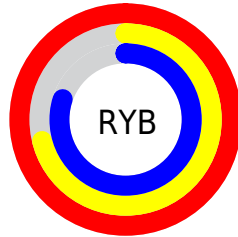
Distribution



Red (100%)

Green (71%)

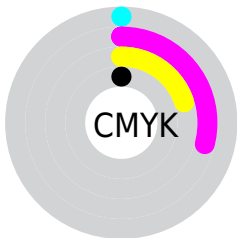
Blue (80%)



Red (100%)

Yellow (71%)

Blue (80%)

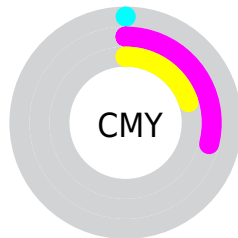


Cyan (0%)

Magenta (29%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (29%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.7474, 59.0277, 64.2700 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 68.7474, 59.0277, 64.2700 by changing the saturation by 10% instead.


 68.7474, 59.0277,
64.2700

 68.7474, 59.0277,
64.2700


445.4749,
421.0046, 458.3982

 50.7819, 42.6354,
46.4218


 116.4568,
103.4179, 112.6029

 36.2554, 29.5992,
32.2277


146.9313,
132.1847, 143.9247

 24.8025, 19.5345,
21.2693

182.3063,
165.8450, 180.5747

 16.0579, 12.0572,
13.1278

222.9471,
204.7833, 222.9716

 9.6563, 6.7826,
7.3848

269.2190,
249.3841, 271.5339

 5.2322, 3.3265,
3.6219


321.4873,

 2.4203, 1.3045,

300.0316, 326.6800


1.4203


380.1175,
357.1103, 388.8286


 0.8552, 0.1447,
0.1575


 0.0000, 0.0000,
0.0000


 68.7474, 59.0277,
64.2700


 68.7474, 59.0277,
64.2700

 61.9532, 48.7031,
51.9434


 76.7491, 71.3607,
78.2520

 56.3017, 40.2721,
41.2054

 86.0098, 85.7931,
93.9455

 51.7286, 33.6207,
31.9899

95.0500, 100.0000,
108.9000

 48.1612, 28.6191,
24.2243

■ 45.5172, 25.1194,
17.8294

■ 43.7003, 22.9473,
12.7176

■ 42.5771, 21.8557,
8.7833

■ 42.4541, 21.7456,
8.3231

Harmonies

Analogous

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



66.9536, 59.0277, 82.6863



68.7474, 59.0277, 64.2700



66.9532, 59.0277, 48.8141

Triad

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



68.7474, 59.0277, 64.2700



50.4095, 59.0277, 39.2275



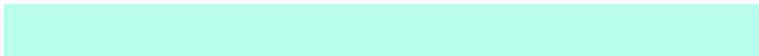
50.4101, 59.0277, 98.1963

Complementary

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



68.7474, 59.0277, 64.2700



69.9049, 87.4067, 91.0326

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.



46.4952, 59.0277, 82.6887



68.7474, 59.0277, 64.2700



46.4949, 59.0277, 48.8157

Square

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



68.7474, 59.0277, 64.2700



56.1037, 59.0277, 36.0594



45.1145, 59.0277, 64.2723



56.1045, 59.0277, 104.3233

Rectangle

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



68.7474, 59.0277, 64.2700



64.0336, 59.0277, 41.7076



45.1145, 59.0277, 64.2723



48.8578, 59.0277, 93.7834

Sweetspot

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



68.7489, 59.0303, 64.2712



85.6392, 85.2128, 93.3253



68.4168, 58.0193, 102.2006



18.0262, 17.7634, 19.4655



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.



68.7489, 59.0303, 64.2712



64.9502, 53.2370, 57.4434



69.5608, 64.3910, 53.0219



18.2242, 18.0730, 19.7977



22.2386, 11.3847, 4.6409



2.2101, 1.1264, 0.6877

Inverse Universe

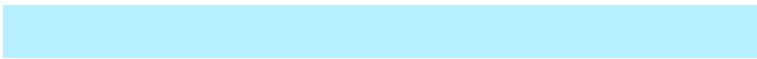
The Inverse Universe completely reimagines the original color for something new.



68.7489, 59.0303, 64.2712



64.9502, 53.2370, 57.4434



68.6213, 79.7226, 106.3790



18.2242, 18.0730, 19.7977



22.2386, 11.3847, 4.6409



2.2101, 1.1264, 0.6877

Previews

White Background



This preview shows how the XYZ color 68.7474, 59.0277, 64.2700 looks on a white background.

Color Contrast Check

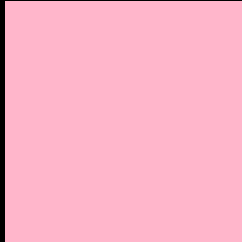
Large Text (above 18pt) WCAG AA × Fail

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 68.7474, 59.0277, 64.2700 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 68.7474, 59.0277, 64.2700

Background



This preview shows how black text looks on a background with the XYZ color 68.7474, 59.0277, 64.2700.



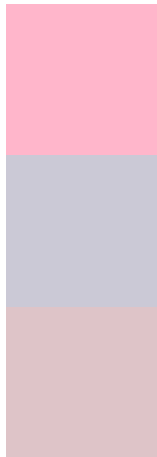
This preview shows how white text looks on a background with the XYZ color 68.7474, 59.0277,

64.2700.

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

68.7474, 59.0277, 64.2700

Protanopia

57.6528, 59.3248, 72.0305

Deuteranopia

60.2895, 59.1796, 62.8888



Tritanopia

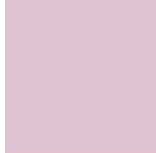
67.8846, 58.9690, 60.6276

Trichromacy



Original Color

68.7474, 59.0277, 64.2700



Protanomaly

61.0488, 58.7663, 69.0982



Deuteranomaly

63.1051, 58.9711, 63.3149



Tritanomaly

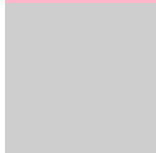
68.1153, 59.0613, 61.8427

Monochromacy



Original Color

68.7474, 59.0277, 64.2700



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 68.7474, 59.0277, 64.2700 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, 182, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 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, 182, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 203) }
```

Border

The CSS property to change the border of an element to XYZ 68.7474, 59.0277, 64.2700 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, 182, 203) }
```


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

```
.border{ border-color:rgb(255, 182, 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, 182, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 68.7474, 59.0277, 64.2700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 203) }
```

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

```
.background{ background-color: rgb(255,  
182, 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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