

Converting Colors

XYZ(109.3913, 81.1967,
60.8962)

Have a look what the booklet for
XYZ(109.3913, 81.1967, 60.8962)
contains.

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Color

**XYZ(68.5365, 60.2729,
59.0605)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBAC2
RGB	255, 186, 194
RGB Percent	100%, 73%, 76%
CMY	0.0000, 0.2706, 0.2392
CMYK	0.00, 0.27, 0.24, 0.00
HSL	353°, 100%, 86%
HSV	353°, 27%, 100%
XYZ	68.5365, 60.2729, 59.0605
YIQ	207.5430, 38.5560, 17.1160

Conversions

Conversions Part 2

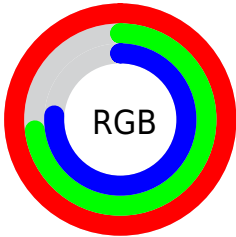
Format	Color
R _Y B	255, 186, 194
Decimal	16759490
CIE Lab	81.99, 26.01, 5.83
CIE LCh	82, 26.656, 12.642
Yxy	60.2729, 0.3648, 0.3208
Android (android.graphics.Color)	4294949570 (0xFFFFBAC2)
YUV	207.5430, -6.6767, 41.6198
Hunter-Lab	77.6356, 21.7169, 9.2407

Details

The XYZ color **68.5365, 60.2729, 59.0605** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.8006, 88.6756, 101.2790**, and the grayscale version is **59.6842, 62.7924, 68.3809**.

A 20% lighter version of the original color is **90.2474, 91.6664, 103.3793**, and **36.0108, 30.2663, 28.7549** is the 20% darker color. If you saturate the color by 10%, you get **61.2930, 49.5353, 45.0872**, and if you desaturate by 10%, it is **77.1257, 73.0868, 75.3789**.

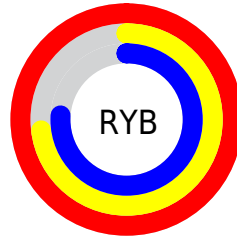
Distribution



Red (100%)

Green (73%)

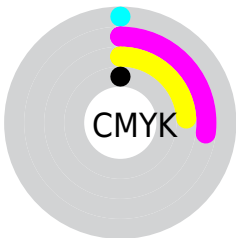
Blue (76%)



Red (100%)

Yellow (73%)

Blue (76%)

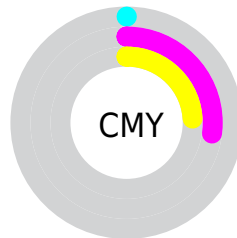


Cyan (0%)

Magenta (27%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.5365, 60.2729, 59.0605 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 68.5365, 60.2729, 59.0605 by changing the saturation by 10% instead.


 68.5365, 60.2729,
59.0605

 68.5365, 60.2729,
59.0605

444.7415,
425.6029, 438.8342

 50.6096, 43.6386,
42.2415


 116.1570,
105.2254, 104.9956

 36.1178, 30.3865,
28.9634


146.5813,
134.3125, 134.9487

 24.6957, 20.1322,
18.8078


181.9022,
168.3193, 170.1170

 15.9780, 12.4911,
11.3561

222.4849,
207.6302, 210.9189

 9.5993, 7.0791,
6.1897

268.6948,
252.6296, 257.7731

 5.1943, 3.5116,
2.8901

320.8973,

 2.3977, 1.4043,

303.7020, 311.0980

1.0388

379.4578,
361.2316, 371.3122

■ 0.8439, 0.2199,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.5365, 60.2729,
59.0605

■ 68.5365, 60.2729,
59.0605

■ 61.2930, 49.5353,
45.0872

■ 77.1257, 73.0868,
75.3789

■ 55.3226, 40.7568,
33.3476

■ 87.1196, 88.0695,
94.1397

■ 50.5524, 33.8215,
23.7265

95.0500, 100.0000,
108.9000

■ 46.9004, 28.5975,
16.0970

■ 44.2743, 24.9357,
10.3185

■ 42.5665, 22.6611,
6.2317

■ 41.6428, 21.5515,
3.6490

■ 41.4686, 21.3514,
3.1339

Harmonies

Analogous

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



68.2765, 60.2729, 75.3379



68.5365, 60.2729, 59.0605



65.6426, 60.2729, 46.7527

Triad

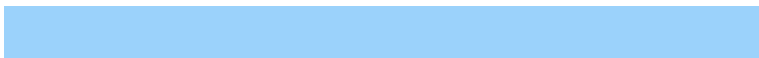
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.5365, 60.2729, 59.0605



50.2496, 60.2729, 45.3256



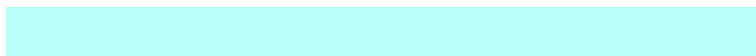
54.1121, 60.2729, 99.9656

Complementary

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



68.5365, 60.2729, 59.0605



72.8006, 88.6756, 101.2790

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.



49.6734, 60.2729, 88.9995



68.5365, 60.2729, 59.0605



47.5460, 60.2729, 56.7885

Square

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



68.5365, 60.2729, 59.0605



54.9464, 60.2729, 39.7430



47.3422, 60.2729, 72.6629



59.6944, 60.2729, 100.8441

Rectangle

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



68.5365, 60.2729, 59.0605



62.4182, 60.2729, 41.7229



47.3422, 60.2729, 72.6629



52.4461, 60.2729, 97.2634

Sweetspot

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



68.5380, 60.2756, 59.0617



86.1147, 86.5602, 92.2622



73.9507, 62.1057, 102.6977



18.0950, 18.0213, 19.1172



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.



68.5380, 60.2756, 59.0617



64.7926, 54.7137, 51.8669



73.7608, 72.1197, 56.4909



18.0950, 18.0213, 19.1172



21.6952, 11.1674, 1.7793



2.1386, 1.0978, 0.3113

Inverse Universe

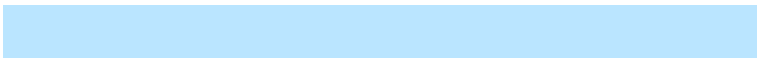
The Inverse Universe completely reimagines the original color for something new.



68.5380, 60.2756, 59.0617



64.7926, 54.7137, 51.8669



66.1969, 73.4512, 105.2963



18.0950, 18.0213, 19.1172



21.6952, 11.1674, 1.7793



2.1386, 1.0978, 0.3113

Previews

White Background



This preview shows how the XYZ color 68.5365, 60.2729, 59.0605 looks on a white background.

Color Contrast Check

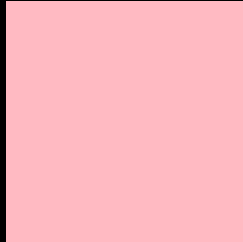
Large Text (above 18pt) WCAG AA × Fail

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 68.5365, 60.2729, 59.0605 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 68.5365, 60.2729, 59.0605

Background



This preview shows how black text looks on a background with the XYZ color 68.5365, 60.2729, 59.0605.



This preview shows how white text looks on a background with the XYZ color 68.5365, 60.2729, 59.0605.

59.0605.

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

68.5365, 60.2729, 59.0605

Protanopia

58.2674, 60.4814, 65.7298

Deuteranopia

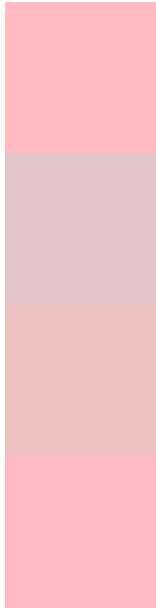
61.7938, 60.3963, 58.2699



Tritanopia

68.8978, 60.0814, 61.9984

Trichromacy



Original Color

68.5365, 60.2729, 59.0605

Protanomaly

61.4429, 60.1102, 63.0076

Deuteranomaly

63.9555, 60.1673, 58.6947

Tritanomaly

68.6670, 59.9891, 60.7832

Monochromacy



Original Color

68.5365, 60.2729, 59.0605

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

62.4851, 61.6279, 65.1020

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.5365, 60.2729, 59.0605 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, 186, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 194)  
}
```

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, 186, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 194) }
```

Border

The CSS property to change the border of an element to XYZ 68.5365, 60.2729, 59.0605 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, 186, 194) }
```


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

```
.border{ border-color:rgb(255, 186, 194) }
```

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

Here you see how a box with a 4 pixel rgb(255, 186, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 68.5365, 60.2729, 59.0605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 194) }
```

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

```
.background{ background-color: rgb(255,  
186, 194) }
```

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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