

# Converting Colors

XYZ(68.5294, 60.1478, 59.3996)

Have a look what the booklet for  
XYZ(68.5294, 60.1478, 59.3996)  
contains.

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# Color

**XYZ(68.6492, 60.3179,  
59.6541)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFBAC3
RGB	255, 186, 195
RGB Percent	100%, 73%, 76%
CMY	0.0000, 0.2706, 0.2353
CMYK	0.00, 0.27, 0.24, 0.00
HSL	352°, 100%, 86%
HSV	352°, 27%, 100%
XYZ	68.6492, 60.3179, 59.6541
YIQ	207.6570, 38.2350, 17.4270

# Conversions

## Conversions Part 2

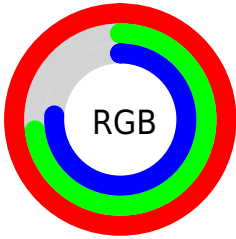
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 186, 195
Decimal	16759491
CIE Lab	82.01, 26.15, 5.33
CIE LCh	82, 26.688, 11.523
Yxy	60.3179, 0.3640, 0.3198
Android (android.graphics.Color)	4294949571 (0xFFFFBAC3)
YUV	207.6570, -6.2399, 41.5198
Hunter-Lab	77.6646, 21.8665, 8.8246

# Details

The XYZ color **68.6492, 60.3179, 59.6541** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.6465, 88.6140, 100.4680**, and the grayscale version is **59.7552, 62.8672, 68.4623**.

A 20% lighter version of the original color is **90.4047, 91.7293, 104.2075**, and **36.0849, 30.2959, 29.1451** is the 20% darker color. If you saturate the color by 10%, you get **61.4247, 49.5879, 45.7809**, and if you desaturate by 10%, it is **77.2076, 73.1194, 75.8104**.

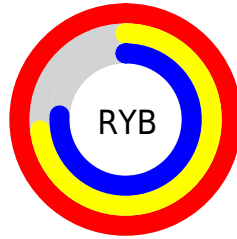
# Distribution



Red (100%)

Green (73%)

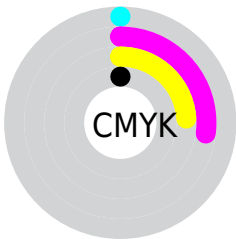
Blue (76%)



Red (100%)

Yellow (73%)

Blue (76%)

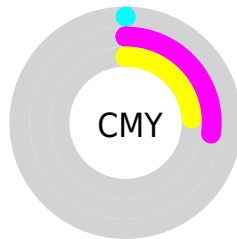


Cyan (0%)

Magenta (27%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (27%)


Yellow (24%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 68.6492, 60.3179, 59.6541 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 68.6492, 60.3179, 59.6541 by changing the saturation by 10% instead.





 68.6492, 60.3179,  
59.6541

 68.6492, 60.3179,  
59.6541


445.1335,  
425.7686, 441.0908

 50.7017, 43.6749,  
42.7164

 116.3172,  
105.2907, 105.8662

 36.1913, 30.4150,  
29.3329


146.7684,  
134.3893, 135.9777

 24.7528, 20.1538,  
19.0851


182.1182,  
168.4085, 171.3175

 16.0207, 12.5069,  
11.5543

222.7319,  
207.7328, 212.3042

 9.6298, 7.0899,  
6.3222

268.9750,  
252.7466, 259.3564

 5.2145, 3.5184,  
2.9700

321.2127,

 2.4097, 1.4080,

303.8342, 312.8925

1.0793

379.8104,  
361.3801, 373.3311

■ 0.8500, 0.2226,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 68.6492, 60.3179,  
59.6541

■ 68.6492, 60.3179,  
59.6541

■ 61.4247, 49.5879,  
45.7809

■ 77.2076, 73.1194,  
75.8104

■ 55.4624, 40.8127,  
34.0840

■ 87.1581, 88.0848,  
94.3428

■ 50.6904, 33.8767,  
24.4536

95.0500, 100.0000,  
108.9000

■ 47.0279, 28.6485,  
16.7686

■ 44.3838, 24.9795,  
10.8953

■ 42.6521, 22.6953,  
6.6827

■ 41.7006, 21.5746,  
3.9538

■ 41.5180, 21.3712,  
3.3938

# Harmonies

## Analogous

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



68.2653, 60.3179, 76.0397



68.6492, 60.3179, 59.6541



65.8559, 60.3179, 47.1321

# Triad

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



68.6492, 60.3179, 59.6541



50.4250, 60.3179, 45.0249



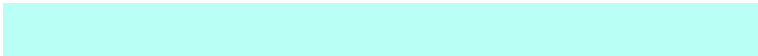
53.9553, 60.3179, 99.8306

# Complementary

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



68.6492, 60.3179, 59.6541



72.6465, 88.6140, 100.4680

# 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.



49.5743, 60.3179, 88.5391



68.6492, 60.3179, 59.6541



47.6303, 60.3179, 56.2994

# Square

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



68.6492, 60.3179, 59.6541



55.1872, 60.3179, 39.6608



47.3295, 60.3179, 72.0900



59.5283, 60.3179, 101.1277



# Rectangle

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



68.6492, 60.3179, 59.6541



62.6686, 60.3179, 41.9452



47.3295, 60.3179, 72.0900



52.3042, 60.3179, 97.0010

# Sweetspot

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



68.6507, 60.3206, 59.6553



86.1580, 86.5775, 92.4899



73.5464, 61.8973, 102.6788



18.1057, 18.0256, 19.1740



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.



68.6507, 60.3206, 59.6553



64.9162, 54.7631, 52.5175



73.4734, 71.5451, 56.3950



18.1057, 18.0256, 19.1740



21.7235, 11.1787, 1.9287



2.1437, 1.0998, 0.3380



# Inverse Universe

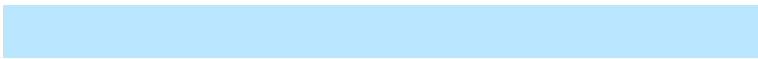
The Inverse Universe completely reimagines the original color for something new.



68.6507, 60.3206, 59.6553



64.9162, 54.7631, 52.5175



66.5152, 74.0879, 105.4024



18.1057, 18.0256, 19.1740



21.7235, 11.1787, 1.9287



2.1437, 1.0998, 0.3380



# Previews

## White Background



This preview shows how the XYZ color 68.6492, 60.3179, 59.6541 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

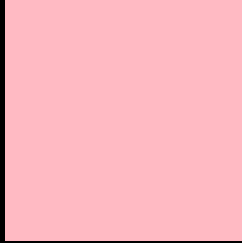
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 68.6492, 60.3179, 59.6541 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 68.6492, 60.3179, 59.6541

## Background



This preview shows how black text looks on a background with the XYZ color 68.6492, 60.3179, 59.6541.



This preview shows how white text looks on a background with the XYZ color 68.6492, 60.3179, 59.6541.

59.6541.

# 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

68.6492, 60.3179, 59.6541

### Protanopia

58.3878, 60.5295, 66.3636

### Deuteranopia

61.5868, 60.2767, 58.8407



## Tritanopia

69.2242, 60.5479, 62.6820

# Trichromacy



## Original Color

68.6492, 60.3179, 59.6541

## Protanomaly

61.5602, 60.1571, 63.6252

## Deuteranomaly

64.0675, 60.2121, 59.2843

## Tritanomaly

68.9919, 60.4550, 61.4588

# Monochromacy



## Original Color

68.6492, 60.3179, 59.6541

## 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 68.6492, 60.3179, 59.6541 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, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 195)  
}
```

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, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 195) }
```

## Border

The CSS property to change the border of an element to XYZ 68.6492, 60.3179, 59.6541 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, 195) }
```



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

```
.border{ border-color:rgb(255, 186, 195) }
```

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, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
195) }
```

# Background

The CSS property to change the background color of an element to XYZ 68.6492, 60.3179, 59.6541 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, 195) }
```

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

```
.background{ background-color: rgb(255,  
186, 195) }
```

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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