

Converting Colors

XYZ(67.5677, 58.2907, 59.1469)

Have a look what the booklet for
XYZ(67.5677, 58.2907, 59.1469)
contains.

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Color

**XYZ(67.6142, 58.2479,
59.3091)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB5C3
RGB	255, 181, 195
RGB Percent	100%, 71%, 76%
CMY	0.0000, 0.2902, 0.2353
CMYK	0.00, 0.29, 0.24, 0.00
HSL	349°, 100%, 85%
HSV	349°, 29%, 100%
XYZ	67.6142, 58.2479, 59.3091
YIQ	204.7220, 39.6100, 20.0420

Conversions

Conversions Part 2

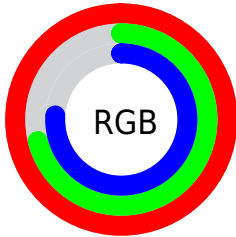
Format	Color
R_{YB}	255, 181, 195
Decimal	16758211
CIE _{Lab}	80.88, 28.77, 3.69
CIE _{LCh}	81, 29.009, 7.311
Yxy	58.2479, 0.3651, 0.3146
Android (android.graphics.Color)	4294948291 (0xFFFFB5C3)
YUV	204.7220, -4.7929, 44.0938
Hunter-Lab	76.3203, 24.5774, 7.3495

Details

The XYZ color **67.6142, 58.2479, 59.3091** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.6955, 87.6957, 96.4240**, and the grayscale version is **57.8649, 60.8784, 66.2966**.

A 20% lighter version of the original color is **88.9368, 88.7934, 103.7182**, and **35.4230, 28.9721, 28.9245** is the 20% darker color. If you saturate the color by 10%, you get **60.7174, 47.9403, 46.2636**, and if you desaturate by 10%, it is **75.7865, 70.5881, 74.3784**.

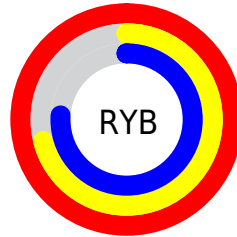
Distribution



Red (100%)

Green (71%)

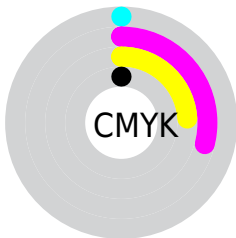
Blue (76%)



Red (100%)

Yellow (71%)

Blue (76%)

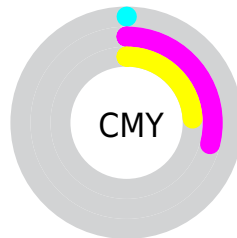


Cyan (0%)

Magenta (29%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.6142, 58.2479, 59.3091 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 67.6142, 58.2479, 59.3091 by changing the saturation by 10% instead.

67.6142, 58.2479,
59.3091

67.6142, 58.2479,
59.3091

441.5261,
418.1090, 439.7802

49.8565, 42.0080,
42.4403

114.8450,
102.2838, 105.3603

35.5167, 29.1075,
29.1181

145.0488,
130.8485, 135.3798

24.2295, 19.1622,
18.9238

180.1319,
164.2903, 170.6201

15.6296, 11.7875,
11.4390

220.4599,
202.9936, 211.4995

9.3516, 6.5992,
6.2451

266.3979,
247.3427, 258.4367

5.0302, 3.2127,
2.9235

318.3113,

2.2999, 1.2438,

297.7220, 311.8502

1.0557

376.5656,
354.5160, 372.1585

■ 0.7946, 0.0970,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.6142, 58.2479,
59.3091

■ 67.6142, 58.2479,
59.3091

■ 60.7174, 47.9403,
46.2636

■ 75.7865, 70.5881,
74.3784

■ 55.0269, 39.5483,
35.1514

■ 85.2904, 85.0536,
91.5495

■ 50.4730, 32.9555,
25.8804

95.0500, 100.0000,
108.9000

■ 46.9774, 28.0293,
18.3492

■ 44.4513, 24.6186,
12.4465

■ 42.7908, 22.5450,
8.0473

■ 41.8486, 21.5470,
5.0007

■ 41.7783, 21.4753,
4.7644

Harmonies

Analogous

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



66.7053, 58.2479, 77.0415



67.6142, 58.2479, 59.3091



65.0564, 58.2479, 45.4266

Triad

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



67.6142, 58.2479, 59.3091



48.6593, 58.2479, 40.6028



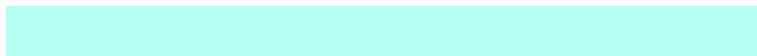
51.0304, 58.2479, 99.0562

Complementary

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



67.6142, 58.2479, 59.3091



70.6955, 87.6957, 96.4240

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.



46.6835, 58.2479, 85.6348



67.6142, 58.2479, 59.3091



45.3851, 58.2479, 51.5105

Square

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



67.6142, 58.2479, 59.3091



53.9075, 58.2479, 35.9677



44.6888, 58.2479, 67.7209



56.8442, 58.2479, 102.1690

Rectangle

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



67.6142, 58.2479, 59.3091



61.8312, 58.2479, 39.4779



44.6888, 58.2479, 67.7209



49.3621, 58.2479, 95.4966

Sweetspot

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



67.6156, 58.2505, 59.3103



85.3079, 85.0802, 91.5807



70.5787, 58.8309, 102.2433



17.9451, 17.7310, 19.0386



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.



67.6156, 58.2505, 59.3103



63.3396, 51.8452, 51.2671



70.9854, 67.4050, 52.9886



18.1497, 18.0432, 19.4055



21.8699, 11.2372, 2.6992



2.1648, 1.1083, 0.4495

Inverse Universe

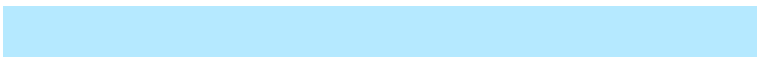
The Inverse Universe completely reimagines the original color for something new.



67.6156, 58.2505, 59.3103



63.3396, 51.8452, 51.2671



66.1904, 75.2103, 105.6362



18.1497, 18.0432, 19.4055



21.8699, 11.2372, 2.6992



2.1648, 1.1083, 0.4495

Previews

White Background



This preview shows how the XYZ color 67.6142, 58.2479, 59.3091 looks on a white background.

Color Contrast Check

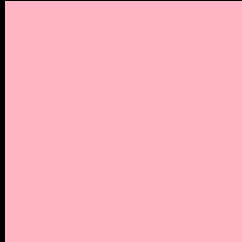
Large Text (above 18pt) WCAG AA × Fail

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 67.6142, 58.2479, 59.3091 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 67.6142, 58.2479, 59.3091

Background



This preview shows how black text looks on a background with the XYZ color 67.6142, 58.2479, 59.3091.



This preview shows how white text looks on a background with the XYZ color 67.6142, 58.2479,

59.3091.

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

67.6142, 58.2479, 59.3091

Protanopia

56.4235, 58.4613, 66.7028

Deuteranopia

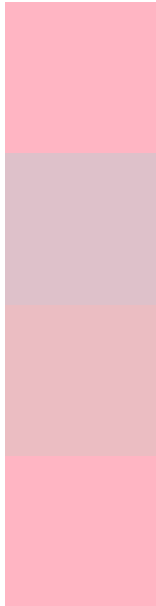
59.6579, 58.2811, 58.5571



Tritanopia

67.6142, 58.2479, 59.3091

Trichromacy



Original Color

67.6142, 58.2479, 59.3091

Protanomaly

59.8548, 57.9338, 63.9048

Deuteranomaly

62.1962, 57.9524, 58.9468

Tritanomaly

67.6142, 58.2479, 59.3091

Monochromacy



Original Color

67.6142, 58.2479, 59.3091

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

60.7140, 59.3849, 63.5208

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.6142, 58.2479, 59.3091 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, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 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, 181, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 195) }
```

Border

The CSS property to change the border of an element to XYZ 67.6142, 58.2479, 59.3091 is called "border". The border property can be set on classes, ids or directly on the HTML element.

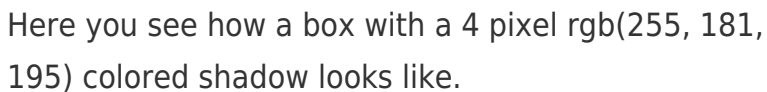
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 181, 195) }
```


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

```
.border{ border-color:rgb(255, 181, 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, 181, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 181, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 181, 195); box-shadow:4px 4px 4px 4px rgb(255, 181, 195) }
```

Background

The CSS property to change the background color of an element to XYZ 67.6142, 58.2479, 59.3091 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, 195) }
```

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

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