

Converting Colors

XYZ(119.6402, 87.0266,
61.7163)

Have a look what the booklet for
XYZ(119.6402, 87.0266, 61.7163)
contains.

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Color

**XYZ(68.7479, 60.6957,
59.1310)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBBC2
RGB	255, 187, 194
RGB Percent	100%, 73%, 76%
CMY	0.0000, 0.2666, 0.2392
CMYK	0.00, 0.27, 0.24, 0.00
HSL	354°, 100%, 87%
HSV	354°, 27%, 100%
XYZ	68.7479, 60.6957, 59.1310
YIQ	208.1300, 38.2810, 16.5930

Conversions

Conversions Part 2

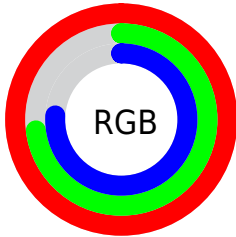
Format	Color
R _Y B	255, 187, 194
Decimal	16759746
CIE Lab	82.21, 25.48, 6.16
CIE LCh	82, 26.220, 13.595
Yxy	60.6957, 0.3646, 0.3219
Android (android.graphics.Color)	4294949826 (0xFFFFBBC2)
YUV	208.1300, -6.9661, 41.1050
Hunter-Lab	77.9074, 21.1758, 9.5347

Details

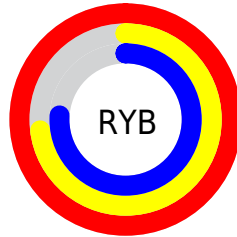
The XYZ color **68.7479, 60.6957, 59.1310** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.1991, 88.8632, 102.1053**, and the grayscale version is **60.0662, 63.1944, 68.8187**.

A 20% lighter version of the original color is **90.8460, 92.8635, 103.5788**, and **36.1471, 30.5388, 28.8004** is the 20% darker color. If you saturate the color by 10%, you get **61.4361, 49.8721, 44.9787**, and if you desaturate by 10%, it is **77.4188, 73.6040, 75.6891**.

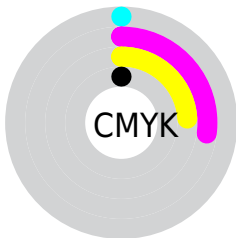
Distribution



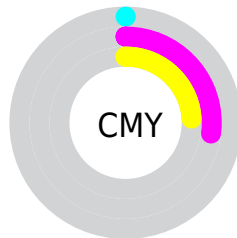
- Red (100%)
- Green (73%)
- Blue (76%)



- 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 68.7479, 60.6957, 59.1310 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 68.7479, 60.6957, 59.1310 by changing the saturation by 10% instead.

 68.7479, 60.6957,
59.1310

 68.7479, 60.6957,
59.1310


445.4766,
427.1574, 439.1026

 50.7823, 43.9796,
42.2979


 116.4575,
105.8382, 105.0990

 36.2557, 30.6545,
29.0073


146.9322,
135.0334, 135.0710

 24.8028, 20.3359,
18.8407

182.3073,
169.1572, 170.2597

 16.0581, 12.6394,
11.3796

222.9482,
208.5938, 211.0836

 9.6564, 7.1807,
6.2054

269.2202,
253.7278, 257.9614

 5.2323, 3.5754,
2.8996


321.4887,

 2.4203, 1.4390,


304.9434, 311.3114


1.0436


380.1191,
362.6252, 371.5523


 0.8553, 0.2452,
0.0000


 0.0000, 0.0000,
0.0000


 68.7479, 60.6957,
59.1310


 68.7479, 60.6957,
59.1310

 61.4361, 49.8721,
44.9787


 77.4188, 73.6040,
75.6891

 55.4100, 41.0161,
33.1165

 87.5081, 88.6895,
94.7537

 50.5962, 34.0116,
23.4249

95.0500, 100.0000,
108.9000

 46.9119, 28.7272,
15.7718

■ 44.2640, 25.0138,
10.0108

■ 42.5443, 22.6973,
5.9759

■ 41.6191, 21.5594,
3.4710

■ 41.4291, 21.3356,
2.9257

Harmonies

Analogous

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



68.5951, 60.6957, 75.1421



68.7479, 60.6957, 59.1310



65.8059, 60.6957, 47.0988

Triad

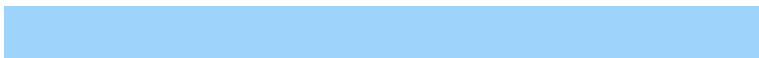
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.7479, 60.6957, 59.1310



50.6093, 60.6957, 46.2544



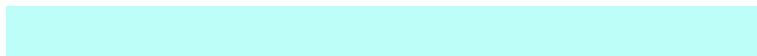
54.7147, 60.6957, 100.1266

Complementary

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



68.7479, 60.6957, 59.1310



73.1991, 88.8632, 102.1053

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.



50.2694, 60.6957, 89.5960



68.7479, 60.6957, 59.1310



48.0057, 60.6957, 57.7908

Square

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



68.7479, 60.6957, 59.1310



55.2064, 60.6957, 40.5144



47.8854, 60.6957, 73.5688



60.2458, 60.6957, 100.6415

Rectangle

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



68.7479, 60.6957, 59.1310



62.5889, 60.6957, 42.2286



47.8854, 60.6957, 73.5688



53.0526, 60.6957, 97.5724

Sweetspot

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



68.7494, 60.6985, 59.1322



86.0760, 86.5447, 92.0583



74.2032, 62.5498, 102.7701



18.0853, 18.0174, 19.0663



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.



68.7494, 60.6985, 59.1322



64.6827, 54.6697, 51.2880



74.0223, 72.4722, 57.1044



18.0853, 18.0174, 19.0663



21.6722, 11.1582, 1.6583



2.1341, 1.0960, 0.2874

Inverse Universe

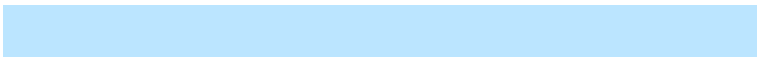
The Inverse Universe completely reimagines the original color for something new.



68.7494, 60.6985, 59.1322



64.6827, 54.6697, 51.2880



66.5466, 73.7887, 105.3430



18.0853, 18.0174, 19.0663



21.6722, 11.1582, 1.6583



2.1341, 1.0960, 0.2874

Previews

White Background



This preview shows how the XYZ color 68.7479, 60.6957, 59.1310 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 68.7479, 60.6957, 59.1310 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 68.7479, 60.6957, 59.1310

Background



This preview shows how black text looks on a background with the XYZ color 68.7479, 60.6957, 59.1310.



This preview shows how white text looks on a background with the XYZ color 68.7479, 60.6957,

59.1310.

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

68.7479, 60.6957, 59.1310

Protanopia

58.6669, 61.0528, 65.1922

Deuteranopia

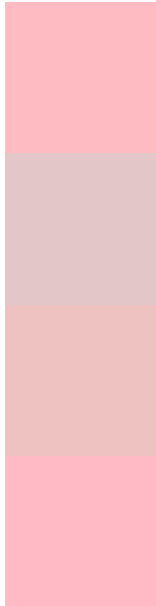
62.0216, 60.8520, 58.3459



Tritanopia

69.2242, 60.5479, 62.6820

Trichromacy



Original Color

68.7479, 60.6957, 59.1310

Protanomaly

61.9834, 60.7270, 63.0982

Deuteranomaly

64.1773, 60.6110, 58.7687

Tritanomaly

68.9919, 60.4550, 61.4588

Monochromacy



Original Color

68.7479, 60.6957, 59.1310

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 68.7479, 60.6957, 59.1310 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, 187, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 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, 187, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 194) }
```

Border

The CSS property to change the border of an element to XYZ 68.7479, 60.6957, 59.1310 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, 187, 194) }
```


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

```
.border{ border-color:rgb(255, 187, 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, 187, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 68.7479, 60.6957, 59.1310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 194) }
```

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

```
.background{ background-color: rgb(255,  
187, 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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