

Converting Colors

XYZ(103.8401, 76.7815,
63.3770)

Have a look what the booklet for
XYZ(103.8401, 76.7815, 63.3770)
contains.

XYZ(68.0727, 58.4313, 61.7234)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(68.0727, 58.4313,
61.7234)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB5C7
RGB	255, 181, 199
RGB Percent	100%, 71%, 78%
CMY	0.0000, 0.2902, 0.2196
CMYK	0.00, 0.29, 0.22, 0.00
HSL	345°, 100%, 85%
HSV	345°, 29%, 100%
XYZ	68.0727, 58.4313, 61.7234
YIQ	205.1780, 38.3260, 21.2860

Conversions

Conversions Part 2

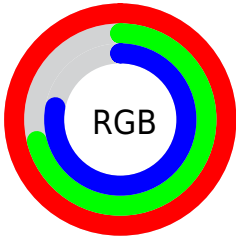
Format	Color
R _Y B	255, 181, 199
Decimal	16758215
CIE _{Lab}	80.98, 29.34, 1.68
CIE _{LCh}	81, 29.390, 3.277
Yxy	58.4313, 0.3617, 0.3104
Android (android.graphics.Color)	4294948295 (0xFFFFB5C7)
YUV	205.1780, -3.0458, 43.6939
Hunter-Lab	76.4404, 25.1896, 5.6333

Details

The XYZ color **68.0727, 58.4313, 61.7234** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.1044, 87.4592, 93.3111**, and the grayscale version is **58.1446, 61.1726, 66.6170**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **35.7262, 29.0934, 30.5207** is the 20% darker color. If you saturate the color by 10%, you get **61.2538, 48.1548, 49.0878**, and if you desaturate by 10%, it is **76.1276, 70.7245, 76.1744**.

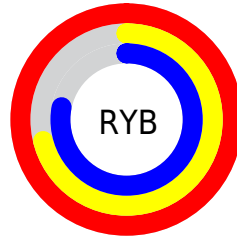
Distribution



Red (100%)

Green (71%)

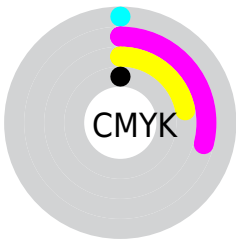
Blue (78%)



Red (100%)

Yellow (71%)

Blue (78%)

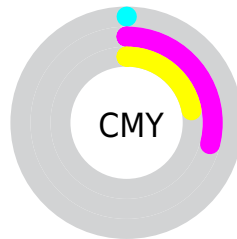


Cyan (0%)

Magenta (29%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.0727, 58.4313, 61.7234 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 68.0727, 58.4313, 61.7234 by changing the saturation by 10% instead.


 68.0727, 58.4313,
61.7234

 68.0727, 58.4313,
61.7234


443.1262,
418.7911, 448.9012

 50.2308, 42.1555,
44.3749


 115.4975,
102.5507, 108.8934

 35.8153, 29.2231,
30.6260


145.8110,
131.1630, 139.5519

 24.4611, 19.2496,
20.0581


181.0125,
164.6563, 175.4843

 15.8026, 11.8508,
12.2528

221.4673,
203.4150, 217.1089

 9.4745, 6.6422,
6.7915

267.5407,
247.8234, 264.8443

 5.1115, 3.2393,
3.2556

319.5981,

 2.3483, 1.2579,

298.2660, 319.1092

1.2266

378.0048,
355.1271, 380.3220

■ 0.8192, 0.1083,
0.0004

■ 0.0000, 0.0000,
0.0000

■ 68.0727, 58.4313,
61.7234

■ 68.0727, 58.4313,
61.7234

■ 61.2538, 48.1548,
49.0878

■ 76.1276, 70.7245,
76.1744

■ 55.6041, 39.7792,
38.1909

■ 85.4721, 85.1263,
92.5060

■ 51.0570, 33.1891,
28.9557

95.0500, 100.0000,
108.9000

■ 47.5374, 28.2532,
21.2977

■ 44.9599, 24.8221,
15.1245

■ 43.2249, 22.7186,
10.3331

■ 42.1901, 21.6836,
6.7990

■ 42.1099, 21.6080,
6.5109

Harmonies

Analogous

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



66.6713, 58.4313, 79.9323



68.0727, 58.4313, 61.7234



65.9178, 58.4313, 46.9321

Triad

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



68.0727, 58.4313, 61.7234



49.3544, 58.4313, 39.4933



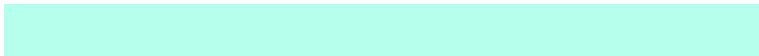
50.4342, 58.4313, 98.5386

Complementary

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



68.0727, 58.4313, 61.7234



70.1044, 87.4592, 93.3111

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.



46.3079, 58.4313, 83.8621



68.0727, 58.4313, 61.7234



45.7173, 58.4313, 49.6962

Square

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



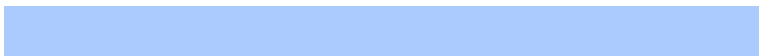
68.0727, 58.4313, 61.7234



54.8703, 58.4313, 35.6612



44.6436, 58.4313, 65.5586



56.2094, 58.4313, 103.3381

Rectangle

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



68.0727, 58.4313, 61.7234



62.8405, 58.4313, 40.3416



44.6436, 58.4313, 65.5586



48.8229, 58.4313, 94.4792

Sweetspot

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



68.0741, 58.4339, 61.7246



85.4892, 85.1528, 92.5356



69.3340, 58.1892, 102.1851



17.9895, 17.7487, 19.2721



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.



68.0741, 58.4339, 61.7246



63.8493, 52.0490, 53.9508



70.1209, 65.6760, 52.7004



18.1905, 18.0595, 19.6202



22.0521, 11.3101, 3.6587



2.1880, 1.1176, 0.5714

Inverse Universe

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



68.0741, 58.4339, 61.7246



63.8493, 52.0490, 53.9508



67.2476, 77.3247, 105.9886



18.1905, 18.0595, 19.6202



22.0521, 11.3101, 3.6587



2.1880, 1.1176, 0.5714

Previews

White Background



This preview shows how the XYZ color 68.0727, 58.4313, 61.7234 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 68.0727, 58.4313, 61.7234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

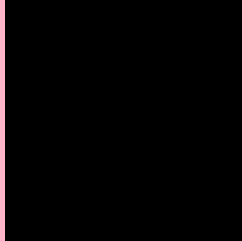
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.0727, 58.4313, 61.7234

Background



This preview shows how black text looks on a background with the XYZ color 68.0727, 58.4313, 61.7234.



This preview shows how white text looks on a background with the XYZ color 68.0727, 58.4313,

61.7234.

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

68.0727, 58.4313, 61.7234

Protanopia

56.6443, 58.5183, 69.2824

Deuteranopia

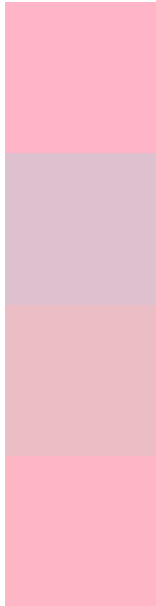
59.9103, 58.7037, 60.3979



Tritanopia

67.8183, 58.6560, 59.3771

Trichromacy



Original Color

68.0727, 58.4313, 61.7234

Protanomaly

60.0293, 57.9683, 66.4176

Deuteranomaly

62.7524, 58.5203, 60.8115

Tritanomaly

67.9318, 58.7014, 59.9747

Monochromacy



Original Color

68.0727, 58.4313, 61.7234

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

60.9508, 59.4796, 64.7682

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.0727, 58.4313, 61.7234 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, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 199)  
}
```

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, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 199) }
```

Border

The CSS property to change the border of an element to XYZ 68.0727, 58.4313, 61.7234 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, 199) }
```


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

```
.border{ border-color:rgb(255, 181, 199) }
```

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, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 68.0727, 58.4313, 61.7234 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, 199) }
```

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

```
.background{ background-color: rgb(255,  
181, 199) }
```

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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