

Converting Colors

XYZ(68.8968, 60.0309, 63.8533)

Have a look what the booklet for
XYZ(68.8968, 60.0309, 63.8533)
contains.

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Color

**XYZ(68.8827, 60.0330,
63.8341)**

Conversions

Conversions Part 1

Format	Color
Hex	FEB9CA
RGB	254, 185, 202
RGB Percent	100%, 73%, 79%
CMY	0.0039, 0.2745, 0.2078
CMYK	0.00, 0.27, 0.20, 0.00
HSL	345°, 97%, 86%
HSV	345°, 27%, 100%
XYZ	68.8827, 60.0330, 63.8341
YIQ	207.5690, 35.6670, 19.9150

Conversions

Conversions Part 2

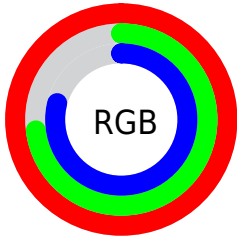
Format	Color
RYB	254, 185, 202
Decimal	16693706
CIELab	81.86, 27.32, 1.33
CIElCh	82, 27.357, 2.783
Yxy	60.0330, 0.3574, 0.3115
Android (android.graphics.Color)	4294883786 (0xFFFEb9CA)
YUV	207.5690, -2.7455, 40.7200
Hunter-Lab	77.4810, 23.0997, 5.3895

Details

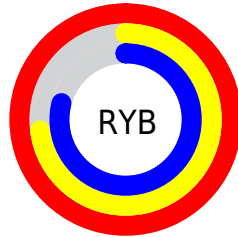
The XYZ color **68.8827, 60.0330, 63.8341** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.7380, 87.3139, 93.2501**, and the grayscale version is **59.6777, 62.7856, 68.3735**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **36.2265, 30.1065, 31.9188** is the 20% darker color. If you saturate the color by 10%, you get **61.9084, 49.4892, 51.0116**, and if you desaturate by 10%, it is **77.0908, 72.5932, 78.4564**.

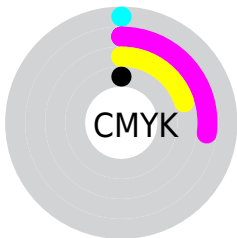
Distribution



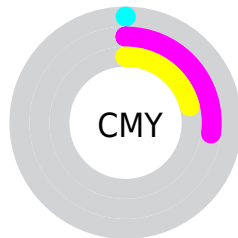
- Red (100%)
- Green (73%)
- Blue (79%)



- Red (100%)
- Yellow (73%)
- Blue (79%)



- Cyan (0%)
- Magenta (27%)
- Yellow (20%)
- Black (0%)





- Cyan (0%)
- Magenta (27%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.8827, 60.0330, 63.8341 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 68.8827, 60.0330, 63.8341 by changing the saturation by 10% instead.


 68.8827, 60.0330,
63.8341

 68.8827, 60.0330,
63.8341


445.9450,
424.7194, 456.7813

 50.8925, 43.4452,
46.0710


 116.6490,
104.8775, 111.9691

 36.3437, 30.2346,
31.9528


147.1558,
133.9031, 143.1782

 24.8711, 20.0167,
21.0609


182.5655,
167.8434, 179.7062

 16.1093, 12.4072,
12.9769

223.2435,
207.0828, 221.9719

 9.6929, 7.0216,
7.2821

269.5550,
252.0057, 270.3937

 5.2565, 3.4756,
3.5580

321.8656,

 2.4348, 1.3848,

302.9965, 325.3902

1.3861

380.5405,
360.4396, 387.3799

■ 0.8625, 0.2055,
0.1309

■ 0.0000, 0.0000,
0.0000

■ 68.8827, 60.0330,
63.8341

■ 68.8827, 60.0330,
63.8341

■ 61.9084, 49.4892,
51.0116

■ 77.0908, 72.5932,
78.4564

■ 56.1020, 40.8482,
39.9145

■ 86.5840, 87.2588,
94.9417

■ 51.3991, 33.9980,
30.4682

94.6833, 99.8110,
108.8828

■ 47.7268, 28.8114,
22.5912

■ 45.0030, 25.1442,
16.1947

■ 43.1324, 22.8273,
11.1798

■ 41.9948, 21.6447,
7.4329

■ 41.7585, 21.4250,
6.5739

Harmonies

Analogous

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



67.5130, 60.0330, 81.0133



68.8827, 60.0330, 63.8341



66.9118, 60.0330, 49.6167

Triad

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



68.8827, 60.0330, 63.8341



51.2568, 60.0330, 42.1122



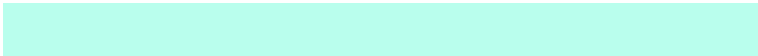
52.1309, 60.0330, 97.9146

Complementary

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



68.8827, 60.0330, 63.8341



70.7380, 87.3139, 93.2501

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.



48.2252, 60.0330, 84.1378



68.8827, 60.0330, 63.8341



47.7450, 60.0330, 51.8751

Square

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



68.8827, 60.0330, 63.8341



56.5222, 60.0330, 38.4728



46.6732, 60.0330, 66.9217



57.6003, 60.0330, 102.5456

Rectangle

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



68.8827, 60.0330, 63.8341



64.0415, 60.0330, 43.1736



46.6732, 60.0330, 66.9217



50.6044, 60.0330, 94.0969

Sweetspot

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



68.8844, 60.0358, 63.8353



86.5064, 86.7169, 94.3250



70.0821, 59.8182, 101.6189



18.1928, 18.0604, 19.6326



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

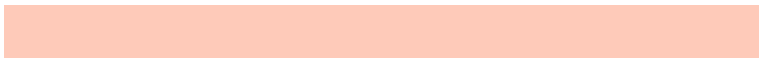
The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.8844, 60.0358, 63.8353



65.2423, 54.1163, 56.6314



70.8113, 66.9347, 55.0899



18.1928, 18.0604, 19.6326



22.0641, 11.3149, 3.7220



2.1895, 1.1182, 0.5791

Inverse Universe

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



68.8844, 60.0358, 63.8353



65.2423, 54.1163, 56.6314



68.1110, 77.8958, 105.2121



18.1928, 18.0604, 19.6326



22.0641, 11.3149, 3.7220



2.1895, 1.1182, 0.5791

Previews

White Background



This preview shows how the XYZ color 68.8827, 60.0330, 63.8341 looks on a white background.

Color Contrast Check

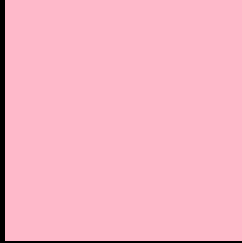
Large Text (above 18pt) WCAG AA × Fail

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 68.8827, 60.0330, 63.8341 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 68.8827, 60.0330, 63.8341

Background



This preview shows how black text looks on a background with the XYZ color 68.8827, 60.0330, 63.8341.



This preview shows how white text looks on a background with the XYZ color 68.8827, 60.0330,

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

68.8827, 60.0330, 63.8341

Protanopia

58.4164, 60.4445, 70.8754

Deuteranopia

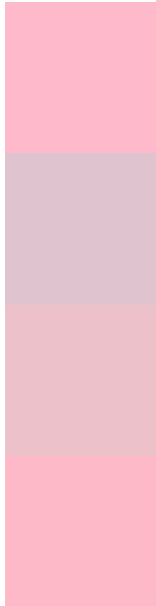
61.4429, 60.1102, 63.0076



Tritanopia

68.6473, 59.9389, 62.5948

Trichromacy



Original Color

68.8827, 60.0330, 63.8341

Protanomaly

61.5565, 59.7219, 67.9576

Deuteranomaly

64.2047, 60.1898, 63.4922

Tritanomaly

68.7646, 59.9858, 63.2125

Monochromacy



Original Color

68.8827, 60.0330, 63.8341

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

62.8462, 61.7723, 67.0034

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.8827, 60.0330, 63.8341 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(254, 185, 202)` looks like.

```
.text, #text, p{  
    color:rgb(254, 185, 202)  
}
```

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(254, 185, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 185, 202) }
```

Border

The CSS property to change the border of an element to XYZ 68.8827, 60.0330, 63.8341 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(254, 185, 202) }
```


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

```
.border{ border-color:rgb(254, 185, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 185, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 185, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 185, 202);  
box-shadow:4px 4px 4px 4px rgb(254, 185,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 68.8827, 60.0330, 63.8341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 185, 202) }
```

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

```
.background{ background-color: rgb(254,  
185, 202) }
```

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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