

Converting Colors

XYZ(68.3058, 60.8609, 55.7481)

Have a look what the booklet for
XYZ(68.3058, 60.8609, 55.7481)
contains.

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Color

**XYZ(68.3003, 60.8573,
55.7238)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBCBC
RGB	255, 188, 188
RGB Percent	100%, 74%, 74%
CMY	0.0000, 0.2627, 0.2627
CMYK	0.00, 0.26, 0.26, 0.00
HSL	0°, 100%, 87%
HSV	0°, 26%, 100%
XYZ	68.3003, 60.8573, 55.7238
YIQ	208.0330, 39.9320, 14.2040

Conversions

Conversions Part 2

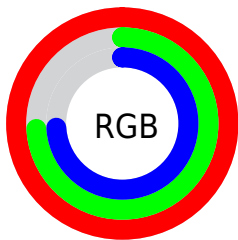
Format	Color
R _Y B	255, 188, 188
Decimal	16759996
CIE Lab	82.30, 24.13, 9.51
CIE LCh	82, 25.939, 21.506
Yxy	60.8573, 0.3694, 0.3292
Android (android.graphics.Color)	4294950076 (0xFFFFBCBC)
YUV	208.0330, -9.8763, 41.1901
Hunter-Lab	78.0111, 19.7610, 12.2566

Details

The XYZ color **68.3003, 60.8573, 55.7238** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.5478, 89.4283, 107.9401**, and the grayscale version is **60.0209, 63.1466, 68.7667**.

A 20% lighter version of the original color is **90.2215, 93.0965, 98.8022**, and **35.9242, 30.6698, 26.9481** is the 20% darker color. If you saturate the color by 10%, you get **60.8163, 49.9066, 40.8441**, and if you desaturate by 10%, it is **77.2354, 73.9323, 73.4846**.

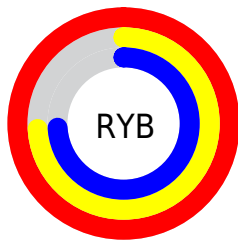
Distribution



Red (100%)

Green (74%)

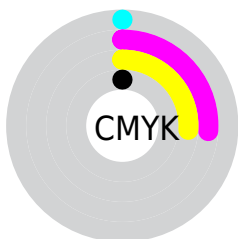
Blue (74%)



Red (100%)

Yellow (74%)

Blue (74%)

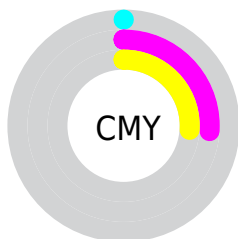


Cyan (0%)

Magenta (26%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.3003, 60.8573, 55.7238 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 68.3003, 60.8573, 55.7238 by changing the saturation by 10% instead.


 68.3003, 60.8573,
55.7238

 68.3003, 60.8573,
55.7238


443.9193,
427.7506, 426.0088

 50.4166, 44.1100,
39.5790


 115.8212,
106.0723, 100.0824

 35.9637, 30.7570,
26.8992


146.1891,
135.3088, 129.1333

 24.5762, 20.4139,
17.2657


181.4492,
169.4771, 163.3233

 15.8886, 12.6963,
10.2602

221.9668,
208.9617, 203.0709

 9.5357, 7.2197,
5.4640

268.1073,
254.1470, 248.7947

 5.1521, 3.5999,
2.4585

320.2359,

 2.3725, 1.4524,

305.4173, 300.9133

0.8180

378.7182,
363.1570, 359.8452

■ 0.8314, 0.2548,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.3003, 60.8573,
55.7238

■ 68.3003, 60.8573,
55.7238

■ 60.8163, 49.9066,
40.8441

■ 77.2354, 73.9323,
73.4846

■ 54.7026, 40.9604,
28.6905

■ 87.6875, 89.2266,
94.2633

■ 49.8774, 33.8998,
19.0986

95.0500, 100.0000,
108.9000

■ 46.2487, 28.5897,
11.8852

■ 43.7120, 24.8776,
6.8428

■ 42.1450, 22.5845,
3.7282

■ 41.3954, 21.4875,
2.2386

■ 41.2402, 21.2604,
1.9301

Harmonies

Analogous

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



68.9988, 60.8573, 70.8593



68.3003, 60.8573, 55.7238



64.7104, 60.8573, 45.1895

Triad

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



68.3003, 60.8573, 55.7238



49.9205, 60.8573, 49.0730



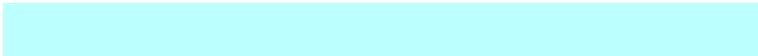
56.2881, 60.8573, 101.1383

Complementary

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



68.3003, 60.8573, 55.7238



74.5478, 89.4283, 107.9401

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.



51.4796, 60.8573, 93.0418



68.3003, 60.8573, 55.7238



47.9596, 60.8573, 61.8703

Square

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



68.3003, 60.8573, 55.7238



54.0353, 60.8573, 41.7965



48.5117, 60.8573, 78.0543



61.8256, 60.8573, 98.7911

Rectangle

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



68.3003, 60.8573, 55.7238



61.2786, 60.8573, 41.3955



48.5117, 60.8573, 78.0543



54.5383, 60.8573, 99.5067

Sweetspot

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



68.3019, 60.8601, 55.7250



85.7720, 86.4238, 90.4554



77.2735, 64.4470, 102.9745



18.0096, 17.9873, 18.6670



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.



68.3019, 60.8601, 55.7250



63.8432, 54.3358, 46.8614



76.3061, 76.8686, 58.3931



18.0096, 17.9873, 18.6670



21.5489, 11.1091, 1.0085



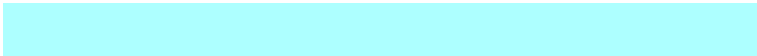
2.0982, 1.0817, 0.0982

Inverse Universe

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



74.5478, 89.4283, 107.9401



71.1302, 87.6660, 107.7800



64.7782, 69.8893, 104.6835



18.5548, 20.4813, 23.2253



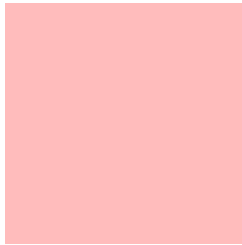
28.1137, 41.1371, 55.8931



2.7374, 4.0054, 5.4421

Previews

White Background



This preview shows how the XYZ color 68.3003, 60.8573, 55.7238 looks on a white background.

Color Contrast Check

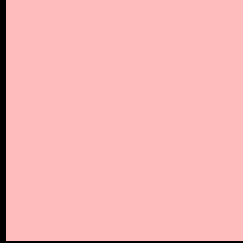
Large Text (above 18pt) WCAG AA × Fail

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 68.3003, 60.8573, 55.7238 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 68.3003, 60.8573, 55.7238

Background



This preview shows how black text looks on a background with the XYZ color 68.3003, 60.8573, 55.7238.



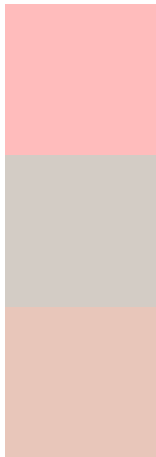
This preview shows how white text looks on a background with the XYZ color 68.3003, 60.8573,

55.7238.

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

68.3003, 60.8573, 55.7238

Protanopia

58.5349, 61.0658, 61.5251

Deuteranopia

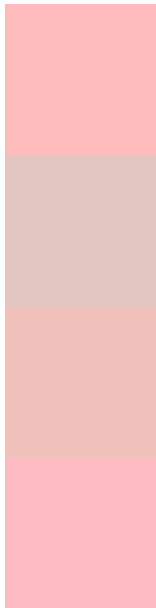
62.3357, 61.0891, 54.9603



Tritanopia

69.5529, 61.0177, 63.3701

Trichromacy



Original Color

68.3003, 60.8573, 55.7238

Protanomaly

61.6102, 60.6141, 59.4914

Deuteranomaly

64.1966, 60.6967, 55.3458

Tritanomaly

68.9741, 60.7862, 60.3221

Monochromacy



Original Color

68.3003, 60.8573, 55.7238

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

62.4806, 61.9979, 63.9320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.3003, 60.8573, 55.7238 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, 188, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 188)  
}
```

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, 188, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 188) }
```

Border

The CSS property to change the border of an element to XYZ 68.3003, 60.8573, 55.7238 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, 188, 188) }
```


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

```
.border{ border-color:rgb(255, 188, 188) }
```

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

Here you see how a box with a 4 pixel rgb(255, 188, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 68.3003, 60.8573, 55.7238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 188) }
```

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

```
.background{ background-color: rgb(255,  
188, 188) }
```

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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