

Converting Colors

XYZ(81.1881, 68.1819, 55.8035)

Have a look what the booklet for
XYZ(81.1881, 68.1819, 55.8035)
contains.

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Color

**XYZ(68.6231, 61.6748,
55.3013)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBEBB
RGB	255, 190, 187
RGB Percent	100%, 75%, 73%
CMY	0.0000, 0.2549, 0.2667
CMYK	0.00, 0.25, 0.27, 0.00
HSL	3°, 100%, 87%
HSV	3°, 27%, 100%
XYZ	68.6231, 61.6748, 55.3013
YIQ	209.0930, 39.7030, 12.8470

Conversions

Conversions Part 2

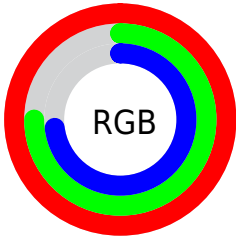
Format	Color
R _Y B	255, 190, 187
Decimal	16760507
CIE Lab	82.74, 22.95, 10.67
CIE LCh	83, 25.308, 24.936
Yxy	61.6748, 0.3697, 0.3323
Android (android.graphics.Color)	4294950587 (0xFFFFBEBB)
YUV	209.0930, -10.8918, 40.2604
Hunter-Lab	78.5333, 18.5416, 13.2227

Details

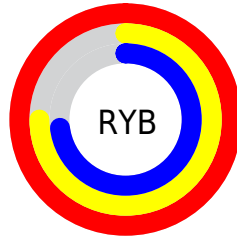
The XYZ color **68.6231, 61.6748, 55.3013** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.3527, 87.4026, 107.6120**, and the grayscale version is **60.7171, 63.8791, 69.5643**.

A 20% lighter version of the original color is **90.6784, 94.2526, 98.2073**, and **36.1332, 31.1999, 26.6720** is the 20% darker color. If you saturate the color by 10%, you get **61.2870, 50.9903, 40.5624**, and if you desaturate by 10%, it is **77.3298, 74.3243, 72.8898**.

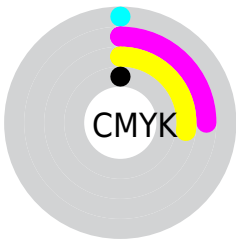
Distribution



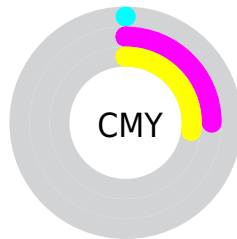
- Red (100%)
- Green (75%)
- Blue (73%)



- Red (100%)
- Yellow (75%)
- Blue (73%)



- Cyan (0%)
- Magenta (25%)
- Yellow (27%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.6231, 61.6748, 55.3013 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 68.6231, 61.6748, 55.3013 by changing the saturation by 10% instead.


 68.6231, 61.6748,
55.3013

 68.6231, 61.6748,
55.3013


445.0427,
430.7439, 424.3671

 50.6803, 44.7700,
39.2428


 116.2801,
107.2554, 99.4578

 36.1743, 31.2763,
26.6394


146.7251,
136.6999, 128.3929

 24.7396, 20.8093,
17.0725


182.0682,
171.0932, 162.4573

 16.0108, 12.9847,
10.1237

222.6747,
210.8196, 202.0695

 9.6227, 7.4180,
5.3744

268.9101,
256.2634, 247.6480

 5.2099, 3.7249,
2.4060

321.1396,

 2.4069, 1.5209,

307.8092, 299.6114

0.7897

379.7287,
365.8412, 358.3783

■ 0.8486, 0.3034,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.6231, 61.6748,
55.3013

■ 68.6231, 61.6748,
55.3013

■ 61.2870, 50.9903,
40.5624

■ 77.3298, 74.3243,
72.8898

■ 55.2473, 42.1642,
28.5197

■ 87.4669, 89.0214,
93.4628

■ 50.4300, 35.0931,
19.0111

95.0500, 100.0000,
108.9000

■ 46.7516, 29.6596,
11.8554

■ 44.1182, 25.7323,
6.8477

■ 42.4208, 23.1596,
3.7479

■ 41.5262, 21.7579,
2.2551

■ 41.3628, 21.5056,
1.9709

Harmonies

Analogous

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



69.6658, 61.6748, 69.8316



68.6231, 61.6748, 55.3013



64.8353, 61.6748, 45.5013

Triad

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



68.6231, 61.6748, 55.3013



50.4703, 61.6748, 51.3755



57.7019, 61.6748, 101.6215

Complementary

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



68.6231, 61.6748, 55.3013



73.3527, 87.4026, 107.6120

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.



52.8153, 61.6748, 94.7712



68.6231, 61.6748, 55.3013



48.8082, 61.6748, 64.5445

Square

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



68.6231, 61.6748, 55.3013



54.3207, 61.6748, 43.4924



49.6396, 61.6748, 80.5883



63.1405, 61.6748, 98.1361

Rectangle

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



68.6231, 61.6748, 55.3013



61.3801, 61.6748, 42.1861



49.6396, 61.6748, 80.5883



55.9440, 61.6748, 100.4238

Sweetspot

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



68.6246, 61.6776, 55.3025



86.0298, 86.9393, 90.5413



76.6978, 63.8761, 100.9929



18.0737, 18.1157, 18.6884



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.



68.6246, 61.6776, 55.3025



64.5450, 55.7394, 47.0953



76.6689, 77.7662, 57.9840



18.0737, 18.1157, 18.6884



21.6405, 11.2923, 1.0390



2.1287, 1.1428, 0.1084

Inverse Universe

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



73.3527, 87.4026, 107.6120



69.9925, 85.3906, 107.4008



63.8060, 68.3094, 104.4298



18.4820, 20.3356, 23.2010



26.3234, 37.5563, 55.2963



2.5835, 3.6976, 5.3908

Previews

White Background



This preview shows how the XYZ color 68.6231, 61.6748, 55.3013 looks on a white background.

Color Contrast Check

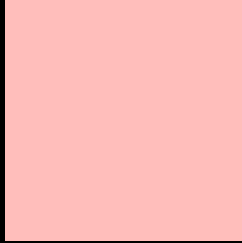
Large Text (above 18pt) WCAG AA × Fail

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 68.6231, 61.6748, 55.3013 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 68.6231, 61.6748, 55.3013

Background



This preview shows how black text looks on a background with the XYZ color 68.6231, 61.6748, 55.3013.



This preview shows how white text looks on a background with the XYZ color 68.6231, 61.6748,

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

68.6231, 61.6748, 55.3013

Protanopia

59.1222, 61.7489, 60.4324

Deuteranopia

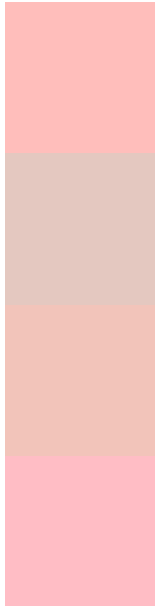
63.1121, 61.8421, 54.5093



Tritanopia

69.8839, 61.4907, 64.0627

Trichromacy



Original Color

68.6231, 61.6748, 55.3013

Protanomaly

62.1636, 61.6083, 58.4844

Deuteranomaly

65.2208, 61.9023, 54.9652

Tritanomaly

69.5156, 61.6864, 61.0661

Monochromacy



Original Color

68.6231, 61.6748, 55.3013

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

63.0272, 62.6269, 64.0246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.6231, 61.6748, 55.3013 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, 190, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 187)  
}
```

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, 190, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 187) }
```

Border

The CSS property to change the border of an element to XYZ 68.6231, 61.6748, 55.3013 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, 190, 187) }
```


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

```
.border{ border-color:rgb(255, 190, 187) }
```

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

Here you see how a box with a 4 pixel rgb(255, 190, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 68.6231, 61.6748, 55.3013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 187) }
```

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

```
.background{ background-color: rgb(255,  
190, 187) }
```

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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