

Converting Colors

XYZ(68.7306, 61.7178, 55.8672)

Have a look what the booklet for
XYZ(68.7306, 61.7178, 55.8672)
contains.

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Color

**XYZ(68.7306, 61.7178,
55.8672)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFBEBC |
| RGB | 255, 190, 188 |
| RGB Percent | 100%, 75%, 74% |
| CMY | 0.0000, 0.2549, 0.2627 |
| CMYK | 0.00, 0.25, 0.26, 0.00 |
| HSL | 2°, 100%, 87% |
| HSV | 2°, 26%, 100% |
| XYZ | 68.7306, 61.7178, 55.8672 |
| YIQ | 209.2070, 39.3820, 13.1580 |

Conversions

Conversions Part 2

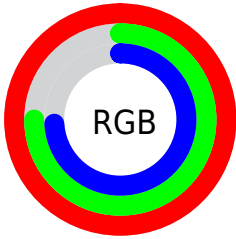
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 190, 188 |
| Decimal | 16760508 |
| CIE Lab | 82.76, 23.08, 10.17 |
| CIE LCh | 83, 25.224, 23.771 |
| Yxy | 61.7178, 0.3689, 0.3313 |
| Android (android.graphics.Color) | 4294950588 (0xFFFFBEB3) |
| YUV | 209.2070, -10.4551, 40.1605 |
| Hunter-Lab | 78.5607, 18.6836, 12.8293 |

Details

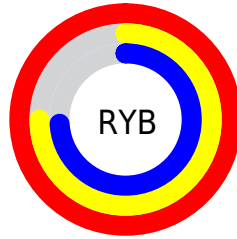
The XYZ color **68.7306, 61.7178, 55.8672** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.9131, 88.1589, 107.7285**, and the grayscale version is **60.7889, 63.9547, 69.6467**.

A 20% lighter version of the original color is **90.8299, 94.3132, 99.0050**, and **36.2033, 31.2279, 27.0411** is the 20% darker color. If you saturate the color by 10%, you get **61.3101, 50.8941, 41.0087**, and if you desaturate by 10%, it is **77.5491, 74.5598, 73.5892**.

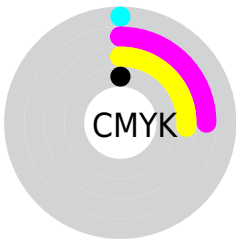
Distribution



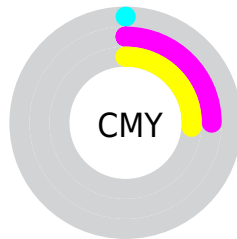
- Red (100%)
- Green (75%)
- Blue (74%)



- Red (100%)
- Yellow (75%)
- Blue (74%)



- Cyan (0%)
- Magenta (25%)
- Yellow (26%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.7306, 61.7178, 55.8672 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 68.7306, 61.7178, 55.8672 by changing the saturation by 10% instead.


 68.7306, 61.7178,
55.8672

 68.7306, 61.7178,
55.8672


445.4165,
430.9010, 426.5651

 50.7682, 44.8047,
39.6932


 116.4329,
107.3176, 100.2942

 36.2444, 31.3036,
26.9874


146.9035,
136.7730, 129.3843

 24.7940, 20.8302,
17.3314


182.2741,
171.1781, 163.6169

 16.0516, 12.9999,
10.3066

222.9103,
210.9171, 203.4104

 9.6517, 7.4285,
5.4945

269.1772,
256.3745, 249.1834

 5.2292, 3.7315,
2.4764


321.4403,


 2.4185, 1.5245,


307.9347, 301.3545


0.8276


380.0650,
365.9821, 360.3422

 0.8543, 0.3059,
0.0000


 0.0000, 0.0000,
0.0000


 68.7306, 61.7178,
55.8672

 68.7306, 61.7178,
55.8672

 61.3101, 50.8941,
41.0087

 77.5491, 74.5598,
73.5892

 55.2116, 41.9784,
28.8601

 87.8275, 89.5066,
94.3100

 50.3588, 34.8625,
19.2590

95.0500, 100.0000,
108.9000

 46.6659, 29.4242,
12.0243

■ 44.0360, 25.5257,
6.9508

■ 42.3567, 23.0080,
3.7988

■ 41.4902, 21.6770,
2.2702

■ 41.3228, 21.4257,
1.9576

Harmonies

Analogous

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



69.6494, 61.7178, 70.4928



68.7306, 61.7178, 55.8672



65.0420, 61.7178, 45.8743

Triad

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



68.7306, 61.7178, 55.8672



50.6451, 61.7178, 51.0505



57.5368, 61.7178, 101.4737

Complementary

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



68.7306, 61.7178, 55.8672



73.9131, 88.1589, 107.7285

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.



52.7114, 61.7178, 94.2831



68.7306, 61.7178, 55.8672



48.8936, 61.7178, 64.0117

Square

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



68.7306, 61.7178, 55.8672



54.5574, 61.7178, 43.4077



49.6262, 61.7178, 79.9707



62.9652, 61.7178, 98.4026

Rectangle

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



68.7306, 61.7178, 55.8672



61.6237, 61.7178, 42.4115



49.6262, 61.7178, 79.9707



55.7947, 61.7178, 100.1453

Sweetspot

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



68.7321, 61.7206, 55.8684



85.9463, 86.7723, 90.5135



77.0942, 64.3753, 102.0304



18.0529, 18.0741, 18.6815



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.



68.7321, 61.7206, 55.8684



64.3160, 55.2814, 47.0190



76.6028, 77.4620, 58.4920



18.0529, 18.0741, 18.6815



21.6109, 11.2331, 1.0292



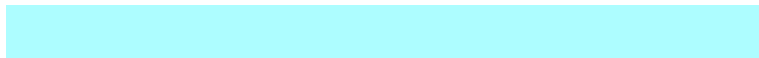
2.1188, 1.1230, 0.1051

Inverse Universe

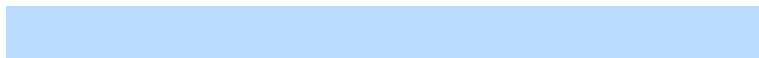
The Inverse Universe completely reimagines the original color for something new.



73.9131, 88.1589, 107.7285



70.3581, 86.1217, 107.5226



64.4835, 69.2998, 104.5853



18.5055, 20.3826, 23.2088



26.8909, 38.6913, 55.4855



2.6324, 3.7954, 5.4071

Previews

White Background



This preview shows how the XYZ color 68.7306, 61.7178, 55.8672 looks on a white background.

Color Contrast Check

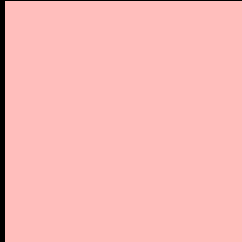
Large Text (above 18pt) WCAG AA × Fail

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 68.7306, 61.7178, 55.8672 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 68.7306, 61.7178, 55.8672

Background



This preview shows how black text looks on a background with the XYZ color 68.7306, 61.7178, 55.8672.



This preview shows how white text looks on a background with the XYZ color 68.7306, 61.7178,

55.8672.

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

68.7306, 61.7178, 55.8672

Protanopia

59.1865, 62.1252, 61.0964

Deuteranopia

63.2180, 61.8844, 55.0673



Tritanopia

70.0983, 61.9195, 64.1342

Trichromacy



Original Color

68.7306, 61.7178, 55.8672

Protanomaly

62.2748, 61.6528, 59.0700

Deuteranomaly

65.3275, 61.9450, 55.5271

Tritanomaly

69.5156, 61.6864, 61.0661

Monochromacy



Original Color

68.7306, 61.7178, 55.8672

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 68.7306, 61.7178, 55.8672 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 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, 190, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 188) }
```

Border

The CSS property to change the border of an element to XYZ 68.7306, 61.7178, 55.8672 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, 188) }
```


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

```
.border{ border-color:rgb(255, 190, 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, 190, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 68.7306, 61.7178, 55.8672 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, 188) }
```

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

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