

Converting Colors

XYZ(134.4616, 100.0000,
59.7584)

Have a look what the booklet for
XYZ(134.4616, 100.0000, 59.7584)
contains.

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Color

**XYZ(71.6730, 67.6027,
56.8480)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCBBC
RGB	255, 203, 188
RGB Percent	100%, 80%, 74%
CMY	0.0000, 0.2039, 0.2627
CMYK	0.00, 0.20, 0.26, 0.00
HSL	13°, 100%, 87%
HSV	13°, 26%, 100%
XYZ	71.6730, 67.6027, 56.8480
YIQ	216.8380, 35.8070, 6.3590

Conversions

Conversions Part 2

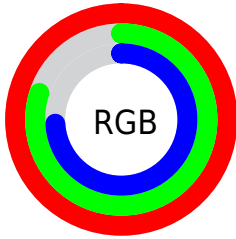
Format	Color
R _Y B	255, 207, 188
Decimal	16763836
CIE Lab	85.81, 16.28, 14.48
CIE LCh	86, 21.789, 41.665
Yxy	67.6027, 0.3654, 0.3447
Android (android.graphics.Color)	4294953916 (0xFFFFCBBC)
YUV	216.8380, -14.2171, 33.4681
Hunter-Lab	82.2209, 11.7143, 16.5611

Details

The XYZ color **71.6730, 67.6027, 56.8480** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.9481, 80.2289, 106.4068**, and the grayscale version is **65.9209, 69.3540, 75.5265**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **38.1466, 35.1145, 27.6889** is the 20% darker color. If you saturate the color by 10%, you get **64.7846, 57.8432, 42.1670**, and if you desaturate by 10%, it is **79.6471, 78.7557, 74.2886**.

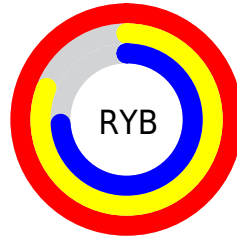
Distribution



Red (100%)

Green (80%)

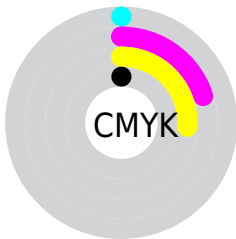
Blue (74%)



Red (100%)

Yellow (81%)

Blue (74%)

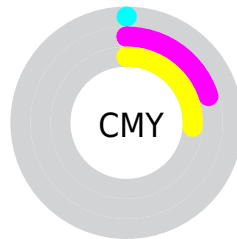


Cyan (0%)

Magenta (20%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.6730, 67.6027, 56.8480 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 71.6730, 67.6027, 56.8480 by changing the saturation by 10% instead.


 71.6730, 67.6027,
56.8480

 71.6730, 67.6027,
56.8480


455.5779,
452.0871, 430.3573

 53.1761, 49.5746,
40.4747


 120.6048,
115.7836, 101.7415

 38.1714, 35.0755,
27.5922

151.7705,
146.7052, 131.0987

 26.2936, 23.7210,
17.7821


187.8897,
182.6933, 165.6210

 17.1772, 15.1268,
10.6259

229.3280,
224.1325, 205.7269

 10.4570, 8.9084,
5.7049

276.4506,
271.4071, 251.8350

 5.7676, 4.6815,
2.6006

329.6229,

 2.7436, 2.0616,

324.9014, 304.3637

0.8928

389.2102,
385.0000, 363.7316

■ 1.0197, 0.6429,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.6730, 67.6027,
56.8480

■ 71.6730, 67.6027,
56.8480

■ 64.7846, 57.8432,
42.1670

■ 79.6471, 78.7557,
74.2886

■ 58.9288, 49.4129,
30.0992

■ 88.7466, 91.3449,
94.6164

■ 54.0556, 42.2561,
20.4913

95.0500, 100.0000,
108.9000

■ 50.1086, 36.3096,
13.1719

■ 47.0254, 31.5045,
7.9473

■ 44.7349, 27.7643,
4.5915

■ 43.1528, 25.0023,
2.8244

■ 42.7085, 24.1971,
2.4195

Harmonies

Analogous

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



74.0911, 67.6027, 68.2037



71.6730, 67.6027, 56.8480



67.3125, 67.6027, 50.5337

Triad

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



71.6730, 67.6027, 56.8480



55.5905, 67.6027, 65.3172



66.2090, 67.6027, 103.8488

Complementary

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



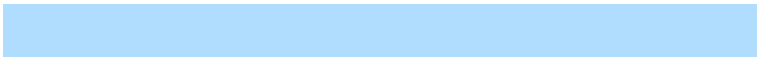
71.6730, 67.6027, 56.8480



69.9481, 80.2289, 106.4068

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.



61.2902, 67.6027, 102.8138



71.6730, 67.6027, 56.8480



55.3292, 67.6027, 79.2902

Square

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



71.6730, 67.6027, 56.8480



58.0994, 67.6027, 54.9706



57.3661, 67.6027, 93.3750



70.8293, 67.6027, 96.0430

Rectangle

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



71.6730, 67.6027, 56.8480



63.9767, 67.6027, 49.4673



57.3661, 67.6027, 93.3750



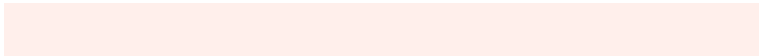
64.5328, 67.6027, 104.5479

Sweetspot

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



71.6747, 67.6058, 56.8494



87.0936, 89.0669, 90.8959



75.0237, 63.5472, 91.1269



18.3393, 18.6467, 18.7769



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.



71.6747, 67.6058, 56.8494



67.5999, 61.8493, 48.1136



80.3176, 84.8917, 59.7304



18.3393, 18.6467, 18.7769



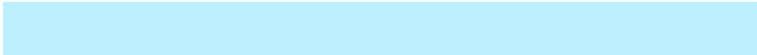
22.4066, 12.8244, 1.2944



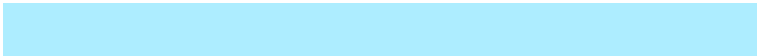
2.2589, 1.4032, 0.1518

Inverse Universe

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



69.9481, 80.2289, 106.4068



65.5768, 76.5592, 105.9289



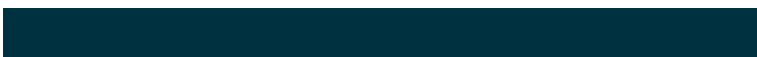
61.0985, 62.5297, 103.4569



18.1895, 19.7507, 23.1035



20.0871, 25.0838, 53.2175



2.0365, 2.6037, 5.2085

Previews

White Background



This preview shows how the XYZ color 71.6730, 67.6027, 56.8480 looks on a white background.

Color Contrast Check

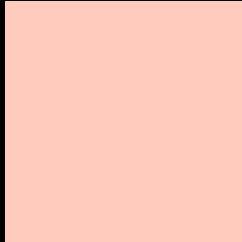
Large Text (above 18pt) WCAG AA × Fail

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 71.6730, 67.6027, 56.8480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

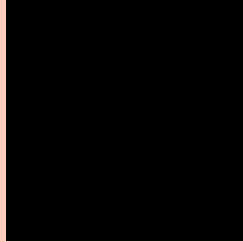
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.6730, 67.6027, 56.8480

Background



This preview shows how black text looks on a background with the XYZ color 71.6730, 67.6027, 56.8480.



This preview shows how white text looks on a background with the XYZ color 71.6730, 67.6027,

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

71.6730, 67.6027, 56.8480

Protanopia

64.5246, 67.8355, 60.7317

Deuteranopia

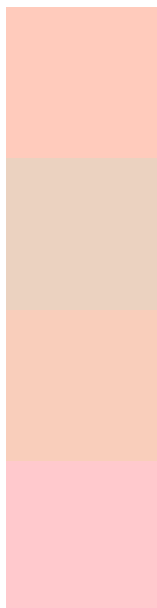
68.9387, 67.6260, 56.4334



Tritanopia

74.0319, 67.4236, 72.7305

Trichromacy



Original Color

71.6730, 67.6027, 56.8480

Protanomaly

66.8220, 67.5611, 59.3879

Deuteranomaly

70.1079, 67.8702, 56.4189

Tritanomaly

73.1461, 67.4411, 66.9198

Monochromacy



Original Color

71.6730, 67.6027, 56.8480

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

67.6391, 68.5321, 68.0556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.6730, 67.6027, 56.8480 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, 203, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 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, 203, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 188) }
```

Border

The CSS property to change the border of an element to XYZ 71.6730, 67.6027, 56.8480 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, 203, 188) }
```


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

```
.border{ border-color:rgb(255, 203, 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, 203, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 71.6730, 67.6027, 56.8480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 203, 188) }
```

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

```
.background{ background-color: rgb(255,  
203, 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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