

Converting Colors

XYZ(100.5402, 80.5895,
56.7154)

Have a look what the booklet for
XYZ(100.5402, 80.5895, 56.7154)
contains.

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Color

**XYZ(70.0692, 64.7377,
55.2569)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC5BA
RGB	255, 197, 186
RGB Percent	100%, 77%, 73%
CMY	0.0000, 0.2274, 0.2706
CMYK	0.00, 0.23, 0.27, 0.00
HSL	10°, 100%, 86%
HSV	10°, 27%, 100%
XYZ	70.0692, 64.7377, 55.2569
YIQ	213.0880, 38.0990, 8.8750

Conversions

Conversions Part 2

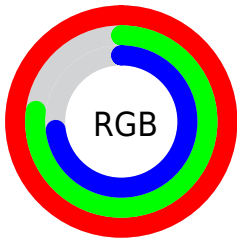
Format	Color
R _Y B	255, 199, 186
Decimal	16762298
CIE Lab	84.35, 19.15, 13.49
CIE LCh	84, 23.419, 35.160
Yxy	64.7377, 0.3687, 0.3406
Android (android.graphics.Color)	4294952378 (0xFFFFC5BA)
YUV	213.0880, -13.3544, 36.7568
Hunter-Lab	80.4597, 14.6440, 15.6035

Details

The XYZ color **70.0692, 64.7377, 55.2569** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.6492, 82.3576, 106.7807**, and the grayscale version is **63.3748, 66.6752, 72.6093**.

A 20% lighter version of the original color is **92.7088, 98.5544, 98.1410**, and **37.0821, 33.2087, 26.6458** is the 20% darker color. If you saturate the color by 10%, you get **63.0710, 54.6993, 40.7220**, and if you desaturate by 10%, it is **78.2463, 76.3593, 72.5729**.

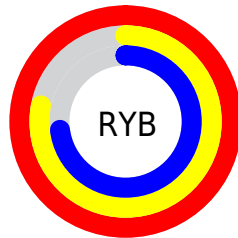
Distribution



Red (100%)

Green (77%)

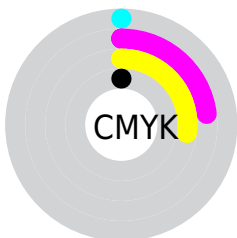
Blue (73%)



Red (100%)

Yellow (78%)

Blue (73%)

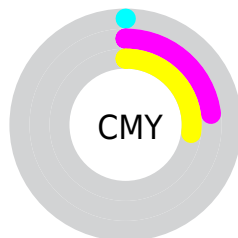


Cyan (0%)

Magenta (23%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.0692, 64.7377, 55.2569 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 70.0692, 64.7377, 55.2569 by changing the saturation by 10% instead.


 70.0692, 64.7377,
55.2569

 70.0692, 64.7377,
55.2569


450.0556,
441.8488, 424.1944

 51.8628, 47.2484,
39.2075


 118.3332,
111.6727, 99.3922

 37.1195, 33.2321,
26.6121


149.1214,
141.8871, 128.3151

 25.4741, 22.3043,
17.0522


184.8343,
177.1121, 162.3662

 16.5613, 14.0807,
10.1094

225.8371,
217.7321, 201.9641

 10.0155, 8.1768,
5.3650

272.4953,
264.1313, 247.5274

 5.4716, 4.2083,
2.4005

325.1742,

 2.5641, 1.7907,

316.6942, 299.4745

0.7867

384.2392,
375.8053, 358.2240

■ 0.9277, 0.4814,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.0692, 64.7377,
55.2569

■ 70.0692, 64.7377,
55.2569

■ 63.0710, 54.6993,
40.7220

■ 78.2463, 76.3593,
72.5729

■ 57.1921, 46.1670,
28.8189

■ 87.6487, 89.6194,
92.8005

■ 52.3750, 39.0701,
19.3907

95.0500, 100.0000,
108.9000

■ 48.5548, 33.3291,
12.2618

■ 45.6594, 28.8563,
7.2335

■ 43.6065, 25.5537,
4.0730

■ 42.2967, 23.3076,
2.4849

■ 42.0216, 22.8232,
2.1905

Harmonies

Analogous

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



72.0315, 64.7377, 67.9455



70.0692, 64.7377, 55.2569



65.8260, 64.7377, 47.5733

Triad

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



70.0692, 64.7377, 55.2569



52.8998, 64.7377, 59.1347



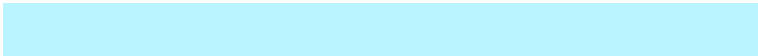
62.4344, 64.7377, 103.0113

Complementary

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



70.0692, 64.7377, 55.2569



70.6492, 82.3576, 106.7807

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.



57.4274, 64.7377, 99.7846



70.0692, 64.7377, 55.2569



52.1044, 64.7377, 73.0939

Square

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



70.0692, 64.7377, 55.2569



55.9535, 64.7377, 49.5814



53.7166, 64.7377, 88.2893



67.4679, 64.7377, 96.5744

Rectangle

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



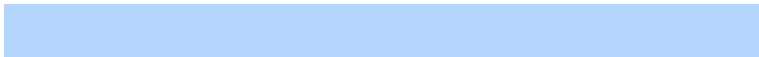
70.0692, 64.7377, 55.2569



62.3784, 64.7377, 45.6410



53.7166, 64.7377, 88.2893



60.6917, 64.7377, 103.0292

Sweetspot

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



70.0708, 64.7406, 55.2582



86.7096, 88.2990, 90.7679



75.2273, 62.9496, 94.2921



18.2433, 18.4548, 18.7449



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.



70.0708, 64.7406, 55.2582



66.4680, 59.5855, 47.7363



78.6372, 81.8734, 58.1137



18.2433, 18.4548, 18.7449



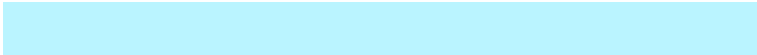
22.0259, 12.0630, 1.1675



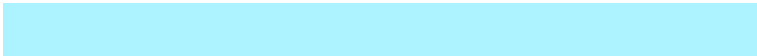
2.2085, 1.3024, 0.1350

Inverse Universe

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



70.6492, 82.3576, 106.7807



67.1199, 79.6453, 106.4432



61.3839, 63.8270, 103.6923



18.2936, 19.9589, 23.1382



22.1321, 29.1738, 53.8992



2.2181, 2.9669, 5.2690

Previews

White Background



This preview shows how the XYZ color 70.0692, 64.7377, 55.2569 looks on a white background.

Color Contrast Check

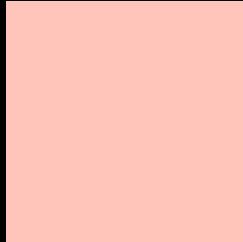
Large Text (above 18pt) WCAG AA × Fail

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 70.0692, 64.7377, 55.2569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

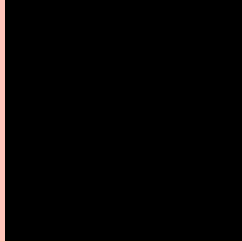
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.0692, 64.7377, 55.2569

Background



This preview shows how black text looks on a background with the XYZ color 70.0692, 64.7377, 55.2569.

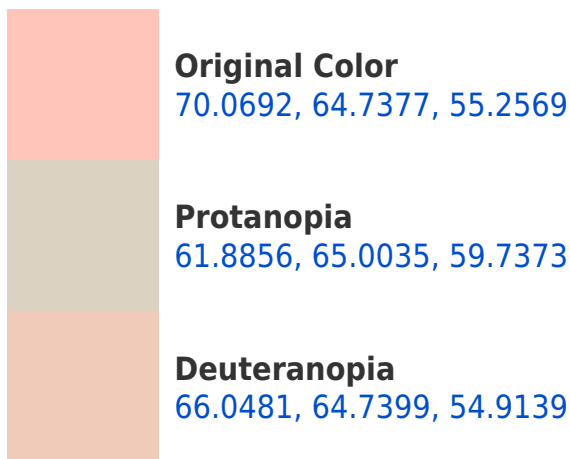


This preview shows how white text looks on a background with the XYZ color 70.0692, 64.7377,

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





Tritanopia

72.2637, 64.8937, 69.0386

Trichromacy



Original Color

70.0692, 64.7377, 55.2569

Protanomaly

64.4043, 64.5362, 57.7774

Deuteranomaly

67.2998, 64.6885, 54.8380

Tritanomaly

71.5225, 64.9569, 64.0266

Monochromacy



Original Color

70.0692, 64.7377, 55.2569

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

65.0872, 65.4314, 65.6990

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.0692, 64.7377, 55.2569 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, 197, 186)` looks like.

```
.text, #text, p{  
  color:rgb(255, 197, 186)  
}
```

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, 197, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 186) }
```

Border

The CSS property to change the border of an element to XYZ 70.0692, 64.7377, 55.2569 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, 197, 186) }
```


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

```
.border{ border-color:rgb(255, 197, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 197, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 70.0692, 64.7377, 55.2569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 186) }
```

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

```
.background{ background-color: rgb(255,  
197, 186) }
```

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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