

Converting Colors

XYZ(70.8105, 64.9165, 57.4819)

Have a look what the booklet for
XYZ(70.8105, 64.9165, 57.4819)
contains.

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Color

**XYZ(70.5005, 64.9102,
57.5283)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC5BE
RGB	255, 197, 190
RGB Percent	100%, 77%, 75%
CMY	0.0000, 0.2274, 0.2549
CMYK	0.00, 0.23, 0.25, 0.00
HSL	6°, 100%, 87%
HSV	6°, 25%, 100%
XYZ	70.5005, 64.9102, 57.5283
YIQ	213.5440, 36.8150, 10.1190

Conversions

Conversions Part 2

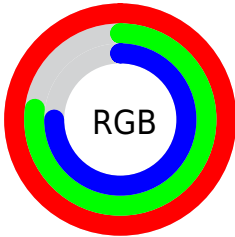
Format	Color
R _Y B	255, 198, 190
Decimal	16762302
CIE Lab	84.44, 19.69, 11.48
CIE LCh	84, 22.791, 30.253
Yxy	64.9102, 0.3654, 0.3364
Android (android.graphics.Color)	4294952382 (0xFFFFC5BE)
YUV	213.5440, -11.6072, 36.3569
Hunter-Lab	80.5669, 15.2054, 14.0611

Details

The XYZ color **70.5005, 64.9102, 57.5283** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.8514, 85.2991, 107.2324**, and the grayscale version is **63.6697, 66.9855, 72.9472**.

A 20% lighter version of the original color is **93.3164, 98.7974, 101.3403**, and **37.3638, 33.3214, 28.1293** is the 20% darker color. If you saturate the color by 10%, you get **63.1715, 54.3290, 42.5169**, and if you desaturate by 10%, it is **79.1001, 77.2517, 75.3703**.

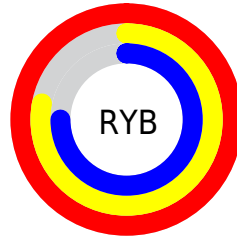
Distribution



Red (100%)

Green (77%)

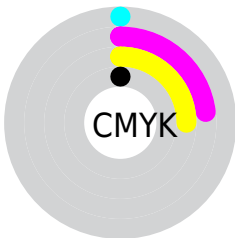
Blue (75%)



Red (100%)

Yellow (78%)

Blue (75%)

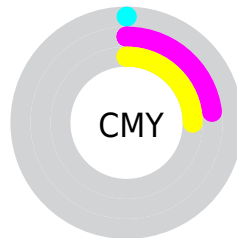


Cyan (0%)

Magenta (23%)

Yellow (25%)

Black (0%)



Cyan (0%)

Magenta (23%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.5005, 64.9102, 57.5283 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 70.5005, 64.9102, 57.5283 by changing the saturation by 10% instead.


 70.5005, 64.9102,
57.5283

 70.5005, 64.9102,
57.5283


451.5445,
442.4692, 432.9750

 52.2157, 47.3883,
41.0174


 118.9446,
111.9207, 102.7436

 37.4020, 33.3427,
28.0128


149.8347,
142.1781, 132.2851

 25.6940, 22.3891,
18.0962


185.6572,
177.4495, 167.0071

 16.7264, 14.1431,
10.8489

226.7776,
218.1192, 207.3283

 10.1337, 8.2203,
5.8525

273.5611,
264.5716, 253.6671

 5.5506, 4.2362,
2.6882

326.3732,

 2.6118, 1.8066,

317.1911, 306.4422

0.9375

385.5792,
376.3622, 366.0720

■ 0.9520, 0.4913,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.5005, 64.9102,
57.5283

■ 70.5005, 64.9102,
57.5283

■ 63.1715, 54.3290,
42.5169

■ 79.1001, 77.2517,
75.3703

■ 57.0480, 45.4195,
30.1867

■ 89.0215, 91.4193,
96.1739

■ 52.0664, 38.0985,
20.3807

95.0500, 100.0000,
108.9000

■ 48.1554, 32.2724,
12.9240

■ 45.2355, 27.8377,
7.6189

■ 43.2159, 24.6774,
4.2359

■ 41.9883, 22.6552,
2.4919

■ 41.6431, 22.0661,
2.0644

Harmonies

Analogous

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



71.9609, 64.9102, 70.5528



70.5005, 64.9102, 57.5283



66.6571, 64.9102, 49.1109

Triad

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



70.5005, 64.9102, 57.5283



53.6161, 64.9102, 57.7149



61.7383, 64.9102, 102.4152

Complementary

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



70.5005, 64.9102, 57.5283



72.8514, 85.2991, 107.2324

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.



56.9859, 64.9102, 97.7786



70.5005, 64.9102, 57.5283



52.4554, 64.9102, 70.7997

Square

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



70.5005, 64.9102, 57.5283



56.9151, 64.9102, 49.2078



53.6554, 64.9102, 85.6886



66.7357, 64.9102, 97.6254

Rectangle

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



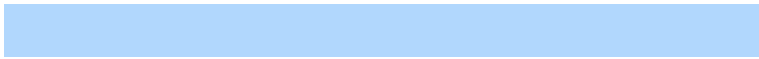
70.5005, 64.9102, 57.5283



63.3595, 64.9102, 46.5866



53.6554, 64.9102, 85.6886



60.0603, 64.9102, 101.9006

Sweetspot

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



70.5021, 64.9131, 57.5296



86.4035, 87.6868, 90.6659



76.6748, 64.8959, 97.6993



18.1669, 18.3020, 18.7195



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.



70.5021, 64.9131, 57.5296



66.3097, 58.8689, 48.9163



78.5539, 81.0167, 60.2135



18.1669, 18.3020, 18.7195



21.8099, 11.6310, 1.0955



2.1727, 1.2308, 0.1230

Inverse Universe

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



72.8514, 85.2991, 107.2324



69.0454, 82.6487, 106.9215



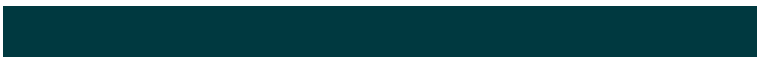
63.8416, 67.2795, 104.2292



18.3778, 20.1272, 23.1663



23.9263, 32.7622, 54.4973



2.3755, 3.2817, 5.3215

Previews

White Background



This preview shows how the XYZ color 70.5005, 64.9102, 57.5283 looks on a white background.

Color Contrast Check

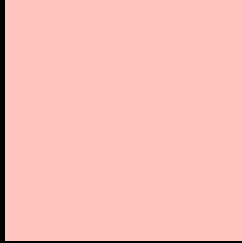
Large Text (above 18pt) WCAG AA × Fail

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 70.5005, 64.9102, 57.5283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

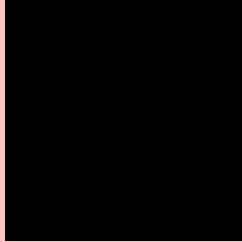
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.5005, 64.9102, 57.5283

Background



This preview shows how black text looks on a background with the XYZ color 70.5005, 64.9102, 57.5283.



This preview shows how white text looks on a background with the XYZ color 70.5005, 64.9102,

57.5283.

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

70.5005, 64.9102, 57.5283

Protanopia

62.0381, 65.0298, 62.1056

Deuteranopia

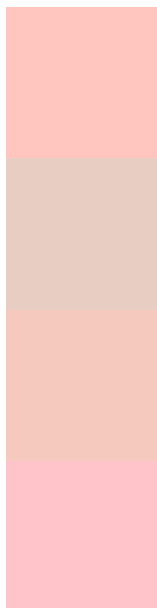
66.4764, 64.9113, 57.1696



Tritanopia

72.2637, 64.8937, 69.0386

Trichromacy



Original Color

70.5005, 64.9102, 57.5283

Protanomaly

64.5239, 64.5466, 60.0969

Deuteranomaly

67.7281, 64.8599, 57.0937

Tritanomaly

71.6406, 65.0041, 64.6483

Monochromacy



Original Color

70.5005, 64.9102, 57.5283

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

65.8884, 66.1775, 67.0585

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.5005, 64.9102, 57.5283 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, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 190)  
}
```

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, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 190) }
```

Border

The CSS property to change the border of an element to XYZ 70.5005, 64.9102, 57.5283 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, 190) }
```


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

```
.border{ border-color:rgb(255, 197, 190) }
```

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, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 70.5005, 64.9102, 57.5283 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, 190) }
```

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

```
.background{ background-color: rgb(255,  
197, 190) }
```

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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