

Converting Colors

XYZ(70.3967, 64.9290, 56.7958)

Have a look what the booklet for
XYZ(70.3967, 64.9290, 56.7958)
contains.

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Color

**XYZ(70.3916, 64.8666,
56.9546)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC5BD
RGB	255, 197, 189
RGB Percent	100%, 77%, 74%
CMY	0.0000, 0.2274, 0.2588
CMYK	0.00, 0.23, 0.26, 0.00
HSL	7°, 100%, 87%
HSV	7°, 26%, 100%
XYZ	70.3916, 64.8666, 56.9546
YIQ	213.4300, 37.1360, 9.8080

Conversions

Conversions Part 2

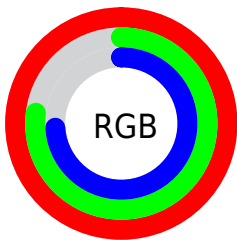
Format	Color
R _Y B	255, 198, 189
Decimal	16762301
CIE Lab	84.41, 19.55, 11.98
CIE LCh	84, 22.931, 31.505
Yxy	64.8666, 0.3662, 0.3375
Android (android.graphics.Color)	4294952381 (0xFFFFC5BD)
YUV	213.4300, -12.0440, 36.4569
Hunter-Lab	80.5398, 15.0639, 14.4503

Details

The XYZ color **70.3916, 64.8666, 56.9546** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.2960, 84.5577, 107.1186**, and the grayscale version is **63.5958, 66.9078, 72.8626**.

A 20% lighter version of the original color is **93.1632, 98.7362, 100.5340**, and **37.2924, 33.2928, 27.7532** is the 20% darker color. If you saturate the color by 10%, you get **63.1479, 54.4264, 42.0635**, and if you desaturate by 10%, it is **78.8813, 77.0197, 74.6635**.

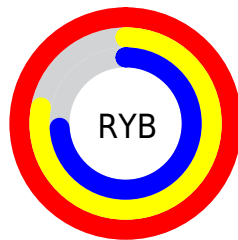
Distribution



Red (100%)

Green (77%)

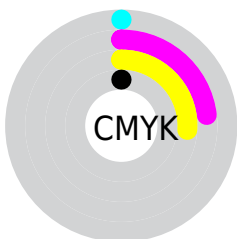
Blue (74%)



Red (100%)

Yellow (78%)

Blue (74%)

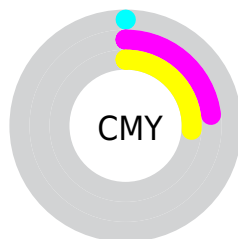


Cyan (0%)

Magenta (23%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.3916, 64.8666, 56.9546 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 70.3916, 64.8666, 56.9546 by changing the saturation by 10% instead.


 70.3916, 64.8666,
56.9546

 70.3916, 64.8666,
56.9546


451.1688,
442.3124, 430.7681

 52.1266, 47.3529,
40.5597


 118.7903,
111.8580, 101.8986

 37.3307, 33.3147,
27.6581


149.6546,
142.1046, 131.2848

 25.6385, 22.3677,
17.8313


185.4495,
177.3642, 165.8385

 16.6846, 14.1273,
10.6607

226.5402,
218.0214, 205.9782

 10.1038, 8.2093,
5.7279

273.2922,
264.4603, 252.1224

 5.5306, 4.2291,
2.6142

326.0707,

 2.5998, 1.8025,

317.0656, 304.6898

0.8998

385.2411,
376.2215, 364.0989

■ 0.9458, 0.4888,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.3916, 64.8666,
56.9546

■ 70.3916, 64.8666,
56.9546

■ 63.1479, 54.4264,
42.0635

■ 78.8813, 77.0197,
74.6635

■ 57.0869, 45.6138,
29.8409

■ 88.6672, 90.9489,
95.3209

■ 52.1466, 38.3491,
20.1297

95.0500, 100.0000,
108.9000

■ 48.2575, 32.5424,
12.7550

■ 45.3420, 28.0946,
7.5191

■ 43.3119, 24.8942,
4.1915

■ 42.0616, 22.8111,
2.4878

■ 41.7281, 22.2362,
2.0927

Harmonies

Analogous

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



71.9776, 64.8666, 69.8940



70.3916, 64.8666, 56.9546



66.4479, 64.8666, 48.7237

Triad

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



70.3916, 64.8666, 56.9546



53.4363, 64.8666, 58.0680



61.9115, 64.8666, 102.5619

Complementary

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



70.3916, 64.8666, 56.9546



72.2960, 84.5577, 107.1186

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.



57.0959, 64.8666, 98.2759



70.3916, 64.8666, 56.9546



52.3675, 64.8666, 71.3685

Square

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



70.3916, 64.8666, 56.9546



56.6734, 64.8666, 49.3016



53.6707, 64.8666, 86.3330



66.9177, 64.8666, 97.3599

Rectangle

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



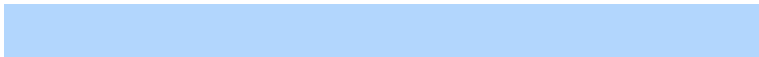
70.3916, 64.8666, 56.9546



63.1126, 64.8666, 46.3495



53.6707, 64.8666, 86.3330



60.2175, 64.8666, 102.1800

Sweetspot

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



70.3931, 64.8695, 56.9559



86.4833, 87.8464, 90.6925



76.2728, 64.3898, 96.6472



18.1868, 18.3418, 18.7261



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.



70.3931, 64.8695, 56.9559



66.5332, 59.3159, 48.9908



78.6390, 81.3613, 59.7045



18.1868, 18.3418, 18.7261



21.8591, 11.7294, 1.1119



2.1821, 1.2495, 0.1262

Inverse Universe

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



72.2960, 84.5577, 107.1186



68.7205, 81.9989, 106.8132



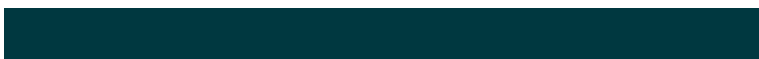
63.1594, 66.2846, 104.0731



18.3558, 20.0831, 23.1589



23.4441, 31.7979, 54.3365



2.3334, 3.1974, 5.3075

Previews

White Background



This preview shows how the XYZ color 70.3916, 64.8666, 56.9546 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 70.3916, 64.8666, 56.9546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

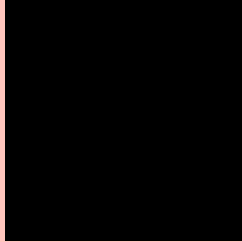
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.3916, 64.8666, 56.9546

Background



This preview shows how black text looks on a background with the XYZ color 70.3916, 64.8666, 56.9546.



This preview shows how white text looks on a background with the XYZ color 70.3916, 64.8666,

56.9546.

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

70.3916, 64.8666, 56.9546

Protanopia

61.9238, 64.9841, 61.5040

Deuteranopia

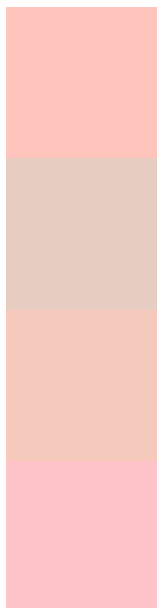
66.3682, 64.8680, 56.5997



Tritanopia

72.2637, 64.8937, 69.0386

Trichromacy



Original Color

70.3916, 64.8666, 56.9546

Protanomaly

64.4120, 64.5018, 59.5073

Deuteranomaly

67.6199, 64.8166, 56.5239

Tritanomaly

71.6406, 65.0041, 64.6483

Monochromacy



Original Color

70.3916, 64.8666, 56.9546

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

65.2068, 65.4793, 66.3287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.3916, 64.8666, 56.9546 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 189) }
```

Border

The CSS property to change the border of an element to XYZ 70.3916, 64.8666, 56.9546 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, 189) }
```


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

```
.border{ border-color:rgb(255, 197, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 70.3916, 64.8666, 56.9546 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, 189) }
```

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

```
.background{ background-color: rgb(255,  
197, 189) }
```

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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