

Converting Colors

XYZ(75.8556, 67.9870, 58.8839)

Have a look what the booklet for
XYZ(75.8556, 67.9870, 58.8839)
contains.

XYZ(70.9485, 65.4539, 58.7637)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(70.9485, 65.4539,
58.7637)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC6C0
RGB	255, 198, 192
RGB Percent	100%, 78%, 75%
CMY	0.0000, 0.2235, 0.2471
CMYK	0.00, 0.22, 0.25, 0.00
HSL	6°, 100%, 88%
HSV	6°, 25%, 100%
XYZ	70.9485, 65.4539, 58.7637
YIQ	214.3590, 35.8980, 10.2180

Conversions

Conversions Part 2

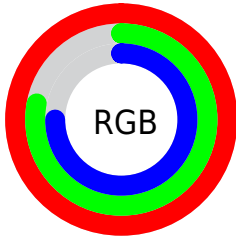
Format	Color
R _Y B	255, 199, 192
Decimal	16762560
CIE Lab	84.72, 19.44, 10.82
CIE LCh	85, 22.245, 29.092
Yxy	65.4539, 0.3635, 0.3354
Android (android.graphics.Color)	4294952640 (0xFFFFC6C0)
YUV	214.3590, -11.0230, 35.6422
Hunter-Lab	80.9036, 14.9545, 13.5677

Details

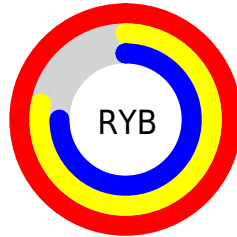
The XYZ color **70.9485, 65.4539, 58.7637** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.6629, 86.1752, 107.3588**, and the grayscale version is **64.2147, 67.5589, 73.5716**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **37.6594, 33.6809, 28.9423** is the 20% darker color. If you saturate the color by 10%, you get **63.4867, 54.6669, 43.5237**, and if you desaturate by 10%, it is **79.7062, 78.0488, 76.8522**.

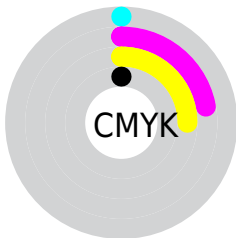
Distribution



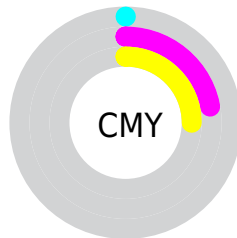
- Red (100%)
- Green (78%)
- Blue (75%)



- Red (100%)
- Yellow (78%)
- Blue (75%)



- Cyan (0%)
- Magenta (22%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.9485, 65.4539, 58.7637 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 70.9485, 65.4539, 58.7637 by changing the saturation by 10% instead.


 70.9485, 65.4539,
58.7637

 70.9485, 65.4539,
58.7637


453.0880,
444.4213, 437.7031

 52.5826, 47.8292,
42.0042

 119.5793,
112.7022, 104.5599

 37.6958, 33.6917,
28.7790

150.5749,
143.0946, 134.4336

 25.9228, 22.6568,
18.6695


186.5110,
178.5116, 169.5159

 16.8983, 14.3403,
11.2573

227.7531,
219.3378, 210.2251

 10.2568, 8.3577,
6.1239

274.6665,
265.9575, 256.9799

 5.6331, 4.3247,
2.8505

327.6166,

 2.6618, 1.8568,

318.7550, 310.1988

1.0188

386.9686,
378.1148, 370.3004

■ 0.9776, 0.5222,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.9485, 65.4539,
58.7637

■ 70.9485, 65.4539,
58.7637

■ 63.4867, 54.6669,
43.5237

■ 79.7062, 78.0488,
76.8522

■ 57.2545, 45.5965,
30.9833

■ 89.8123, 92.5199,
97.9198

■ 52.1871, 38.1567,
20.9858

95.0500, 100.0000,
108.9000

■ 48.2116, 32.2504,
13.3571

■ 45.2470, 27.7703,
7.9011

■ 43.2007, 24.5953,
4.3900

■ 41.9626, 22.5838,
2.5454

■ 41.5730, 21.9259,
2.0410

Harmonies

Analogous

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



72.2723, 65.4539, 71.7031



70.9485, 65.4539, 58.7637



67.2547, 65.4539, 50.2572

Triad

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



70.9485, 65.4539, 58.7637



54.3622, 65.4539, 58.1052



62.0606, 65.4539, 102.3106

Complementary

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



70.9485, 65.4539, 58.7637



73.6629, 86.1752, 107.3588

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.



57.4279, 65.4539, 97.4447



70.9485, 65.4539, 58.7637



53.1314, 65.4539, 70.8350

Square

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



70.9485, 65.4539, 58.7637



57.6771, 65.4539, 49.9141



54.2238, 65.4539, 85.4315



66.9786, 65.4539, 97.9804

Rectangle

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



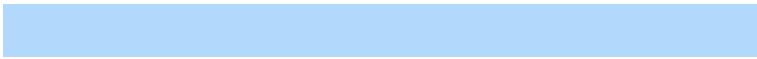
70.9485, 65.4539, 58.7637



64.0392, 65.4539, 47.6155



54.2238, 65.4539, 85.4315



60.4198, 65.4539, 101.6865

Sweetspot

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



70.9501, 65.4568, 58.7650



87.3710, 89.0292, 92.8151



77.3061, 65.8464, 98.8723



18.5662, 18.8630, 19.5846



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.



70.9501, 65.4568, 58.7650



66.8412, 59.5245, 50.3496



78.7050, 80.9666, 61.3500



18.1486, 18.2653, 18.7134



21.7688, 11.5489, 1.0818



2.1641, 1.2135, 0.1202

Inverse Universe

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



73.6629, 86.1752, 107.3588



70.0029, 83.6999, 107.0739



64.9251, 68.6997, 104.4462



18.3982, 20.1679, 23.1731



24.3791, 33.6679, 54.6482



2.4150, 3.3606, 5.3347

Previews

White Background



This preview shows how the XYZ color 70.9485, 65.4539, 58.7637 looks on a white background.

Color Contrast Check

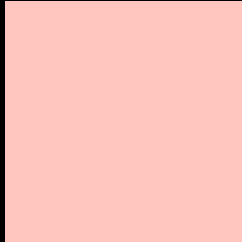
Large Text (above 18pt) WCAG AA × Fail

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 70.9485, 65.4539, 58.7637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

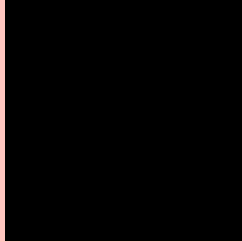
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.9485, 65.4539, 58.7637

Background



This preview shows how black text looks on a background with the XYZ color 70.9485, 65.4539, 58.7637.



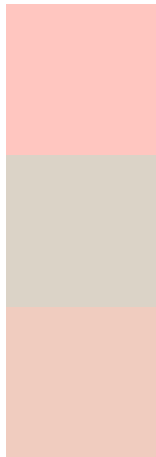
This preview shows how white text looks on a background with the XYZ color 70.9485, 65.4539,

58.7637.

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

70.9485, 65.4539, 58.7637

Protanopia

62.8165, 65.7721, 63.4173

Deuteranopia

66.9320, 65.4726, 58.4000



Tritanopia

72.6128, 65.3930, 69.7678

Trichromacy



Original Color

70.9485, 65.4539, 58.7637

Protanomaly

65.3138, 65.2839, 61.3832

Deuteranomaly

68.1807, 65.4151, 58.3231

Tritanomaly

71.9857, 65.5043, 65.3494

Monochromacy



Original Color

70.9485, 65.4539, 58.7637

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

66.0096, 66.2260, 67.6963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.9485, 65.4539, 58.7637 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, 198, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 192)  
}
```

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, 198, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 192) }
```

Border

The CSS property to change the border of an element to XYZ 70.9485, 65.4539, 58.7637 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, 198, 192) }
```


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

```
.border{ border-color:rgb(255, 198, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 198, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 198, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 198, 192); box-shadow:4px 4px 4px 4px rgb(255, 198, 192) }
```

Background

The CSS property to change the background color of an element to XYZ 70.9485, 65.4539, 58.7637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 192) }
```

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

```
.background{ background-color: rgb(255,  
198, 192) }
```

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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