

Converting Colors

XYZ(88.9418, 78.1977, 69.6413)

Have a look what the booklet for
XYZ(88.9418, 78.1977, 69.6413)
contains.

XYZ(75.0584, 70.8767, 68.7561)	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(75.0584, 70.8767,
68.7561)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD0CF
RGB	255, 208, 207
RGB Percent	100%, 82%, 81%
CMY	0.0000, 0.1843, 0.1882
CMYK	0.00, 0.18, 0.19, 0.00
HSL	1°, 100%, 91%
HSV	1°, 19%, 100%
XYZ	75.0584, 70.8767, 68.7561
YIQ	221.9390, 28.3330, 9.6530

Conversions

Conversions Part 2

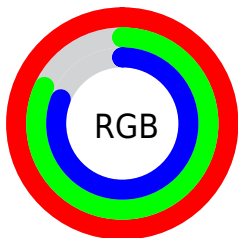
Format	Color
R _Y B	255, 208, 207
Decimal	16765135
CIE Lab	87.43, 16.36, 6.73
CIE LCh	87, 17.692, 22.372
Yxy	70.8767, 0.3496, 0.3301
Android (android.graphics.Color)	4294955215 (0xFFFFD0CF)
YUV	221.9390, -7.3649, 28.9945
Hunter-Lab	84.1883, 11.8128, 10.5100

Details

The XYZ color **75.0584, 70.8767, 68.7561** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.2230, 91.3664, 108.0677**, and the grayscale version is **69.4259, 73.0414, 79.5421**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4297, 37.0881, 35.1648** is the 20% darker color. If you saturate the color by 10%, you get **66.5737, 58.5001, 51.7692**, and if you desaturate by 10%, it is **85.0080, 85.3769, 88.7170**.

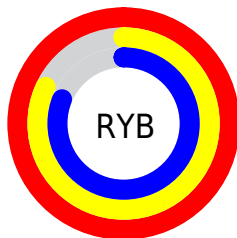
Distribution



Red (100%)

Green (82%)

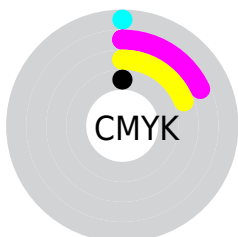
Blue (81%)



Red (100%)

Yellow (82%)

Blue (81%)

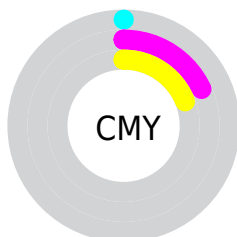


Cyan (0%)

Magenta (18%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.0584, 70.8767, 68.7561 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 75.0584, 70.8767, 68.7561 by changing the saturation by 10% instead.


 75.0584, 70.8767,
68.7561

 75.0584, 70.8767,
68.7561


467.1124,
463.6223, 474.8409

 55.9551, 52.2416,
50.0426


125.3825,
120.4581, 119.0976

 40.4038, 37.1977,
35.0758


157.3340,
152.1733, 151.5626

 28.0391, 25.3606,
23.4373


194.2989,
189.0172, 189.4485

 18.4957, 16.3459,
14.7084

236.6426,
231.3742, 233.1739

 11.4083, 9.7693,
8.4706

284.7304,
279.6289, 283.1573

 6.4115, 5.2462,
4.3055

338.9278,

 3.1399, 2.3925,

334.1655, 339.8173

1.7944

399.6000,
395.3685, 403.5723

■ 1.2282, 0.8220,
0.4242

■ 0.1284, 0.0000,
0.0000

■ 75.0584, 70.8767,
68.7561

■ 75.0584, 70.8767,
68.7561

■ 66.5737, 58.5001,
51.7692

■ 85.0080, 85.3769,
88.7170

■ 59.4802, 48.1391,
37.6100

95.0500, 100.0000,
108.9000

■ 53.7052, 39.6895,
26.1263

■ 49.1673, 33.0347,
17.1500

■ 45.7762, 28.0450,
10.4938

■ 43.4294, 24.5735,
5.9444

■ 42.0062, 22.4474,
3.2492

■ 41.3463, 21.4462,
2.0465

■ 41.2979, 21.3758,
1.9493

Harmonies

Analogous

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



75.6323, 70.8767, 80.2622



75.0584, 70.8767, 68.7561



72.3825, 70.8767, 60.3729

Triad

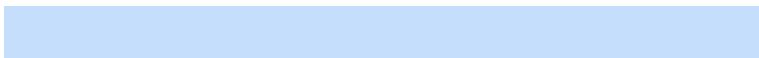
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.0584, 70.8767, 68.7561



61.2117, 70.8767, 63.9811



66.3071, 70.8767, 102.2513

Complementary

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



75.0584, 70.8767, 68.7561



79.2230, 91.3664, 108.0677

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.



62.5871, 70.8767, 96.8313



75.0584, 70.8767, 68.7561



59.7254, 70.8767, 74.1635

Square

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



75.0584, 70.8767, 68.7561



64.3594, 70.8767, 57.8209



60.2183, 70.8767, 86.2495



70.4652, 70.8767, 100.4220

Rectangle

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



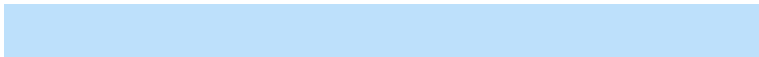
75.0584, 70.8767, 68.7561



69.8244, 70.8767, 57.2863



60.2183, 70.8767, 86.2495



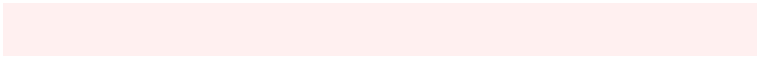
64.9663, 70.8767, 101.1989

Sweetspot

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



75.0600, 70.8797, 68.7576



88.0897, 89.8655, 94.9076



81.4747, 73.0550, 103.7408



18.6999, 19.0092, 20.0028



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.



75.0600, 70.8797, 68.7576



71.3413, 65.4567, 61.3080



81.3032, 83.3662, 70.8386



18.0398, 18.0479, 18.6771



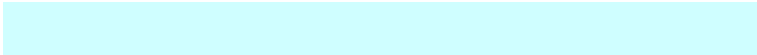
21.5922, 11.1957, 1.0229



2.1126, 1.1106, 0.1030

Inverse Universe

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



79.2230, 91.3664, 108.0677



76.2758, 89.7422, 107.9096



72.1353, 77.1911, 105.7052



18.5204, 20.4123, 23.2138



27.2545, 39.4185, 55.6067



2.6636, 3.8580, 5.4175

Previews

White Background



This preview shows how the XYZ color 75.0584, 70.8767, 68.7561 looks on a white background.

Color Contrast Check

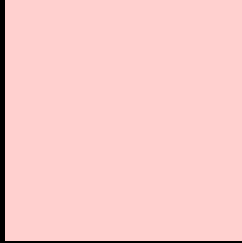
Large Text (above 18pt) WCAG AA × Fail

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 75.0584, 70.8767, 68.7561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

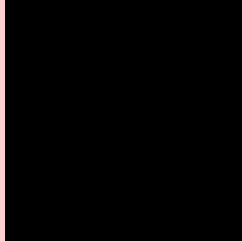
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.0584, 70.8767, 68.7561

Background



This preview shows how black text looks on a background with the XYZ color 75.0584, 70.8767, 68.7561.

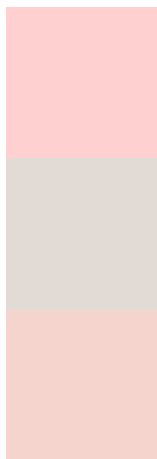


This preview shows how white text looks on a background with the XYZ color 75.0584, 70.8767,

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

75.0584, 70.8767, 68.7561

Protanopia

68.1330, 70.9545, 73.0554

Deuteranopia

72.3403, 70.9557, 68.2756



Tritanopia

76.4961, 70.6765, 78.7174

Trichromacy



Original Color

75.0584, 70.8767, 68.7561

Protanomaly

70.3965, 70.6292, 71.5505

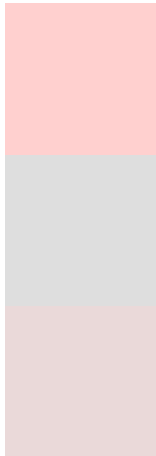
Deuteranomaly

73.5018, 71.1845, 68.2585

Tritanomaly

76.0772, 70.8954, 75.3201

Monochromacy



Original Color

75.0584, 70.8767, 68.7561

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

71.2689, 72.1279, 75.8114

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0584, 70.8767, 68.7561 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, 208, 207) looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 207)  
}
```

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, 208, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 207) }
```

Border

The CSS property to change the border of an element to XYZ 75.0584, 70.8767, 68.7561 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, 208, 207) }
```


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

```
.border{ border-color:rgb(255, 208, 207) }
```

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

Here you see how a box with a 4 pixel rgb(255, 208, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0584, 70.8767, 68.7561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 207) }
```

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

```
.background{ background-color: rgb(255,  
208, 207) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor