

Converting Colors

XYZ(78.5598, 72.1020, 70.9675)

Have a look what the booklet for
XYZ(78.5598, 72.1020, 70.9675)
contains.

XYZ(75.1857, 70.5388, 70.6254)	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(75.1857, 70.5388,
70.6254)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCFD2
RGB	255, 207, 210
RGB Percent	100%, 81%, 82%
CMY	0.0000, 0.1882, 0.1765
CMYK	0.00, 0.19, 0.18, 0.00
HSL	356°, 100%, 91%
HSV	356°, 19%, 100%
XYZ	75.1857, 70.5388, 70.6254
YIQ	221.6940, 27.6450, 11.1090

Conversions

Conversions Part 2

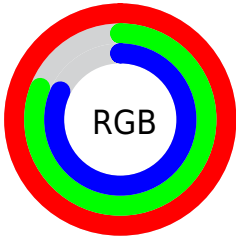
Format	Color
R_{YB}	255, 207, 210
Decimal	16764882
CIE _{Lab}	87.26, 17.33, 4.91
CIE _{LCh}	87, 18.013, 15.814
Yxy	70.5388, 0.3475, 0.3260
Android (android.graphics.Color)	4294954962 (0xFFFFCFD2)
YUV	221.6940, -5.7651, 29.2094
Hunter-Lab	83.9874, 12.8157, 8.9339

Details

The XYZ color **75.1857, 70.5388, 70.6254** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.0653, 91.8149, 105.6542**, and the grayscale version is **69.2425, 72.8485, 79.3320**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6807, 37.1885, 36.4865** is the 20% darker color. If you saturate the color by 10%, you get **66.7398, 58.0631, 54.1959**, and if you desaturate by 10%, it is **85.0777, 85.1939, 89.7341**.

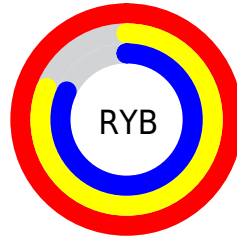
Distribution



Red (100%)

Green (81%)

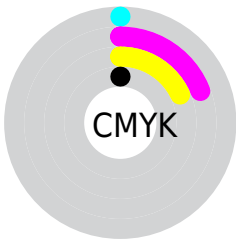
Blue (82%)



Red (100%)

Yellow (81%)

Blue (82%)

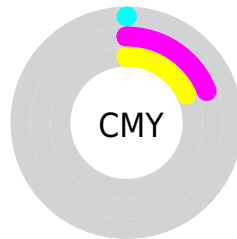


Cyan (0%)

Magenta (19%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.1857, 70.5388, 70.6254 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 75.1857, 70.5388, 70.6254 by changing the saturation by 10% instead.


 75.1857, 70.5388,
70.6254

 75.1857, 70.5388,
70.6254


467.5429,
462.4396, 481.5912

 56.0597, 51.9659,
51.5566


125.5617,
119.9768, 121.7897

 40.4880, 36.9779,
36.2720

157.5424,
151.6107, 154.7222

 28.1052, 25.1904,
24.3530

194.5388,
188.3671, 193.1131

 18.5458, 16.2190,
15.3810

236.9162,
230.6303, 237.3808

 11.4446, 9.6792,
8.9377

285.0400,
278.7847, 287.9439

 6.4362, 5.1868,
4.6043

339.2755,

 3.1553, 2.3573,

333.2148, 345.2210

1.9624

399.9880,
394.3050, 409.6306

■ 1.2364, 0.8038,
0.5320

■ 0.1348, 0.0000,
0.0000

■ 75.1857, 70.5388,
70.6254

■ 75.1857, 70.5388,
70.6254

■ 66.7398, 58.0631,
54.1959

■ 85.0777, 85.1939,
89.7341

■ 59.6675, 47.6542,
40.3218

95.0500, 100.0000,
108.9000

■ 53.8976, 39.2032,
28.8759

■ 49.3504, 32.5877,
19.7184

■ 45.9377, 27.6713,
12.6955

■ 43.5591, 24.2988,
7.6340

■ 42.0969, 22.2865,
4.3342

■ 41.3879, 21.3714,
2.5479

■ 41.3329, 21.2972,
2.4191

Harmonies

Analogous

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



75.2503, 70.5388, 82.6606



75.1857, 70.5388, 70.6254



72.8799, 70.5388, 61.2716

Triad

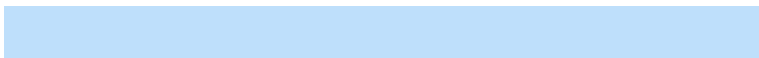
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.1857, 70.5388, 70.6254



61.3758, 70.5388, 61.6754



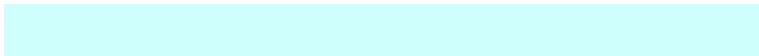
65.0699, 70.5388, 101.6952

Complementary

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



75.1857, 70.5388, 70.6254



79.0653, 91.8149, 105.6542

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.



61.5301, 70.5388, 94.7635



75.1857, 70.5388, 70.6254



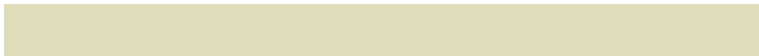
59.4590, 70.5388, 71.2322

Square

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



75.1857, 70.5388, 70.6254



64.8511, 70.5388, 56.4877



59.5142, 70.5388, 83.3344



69.2878, 70.5388, 101.4886

Rectangle

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



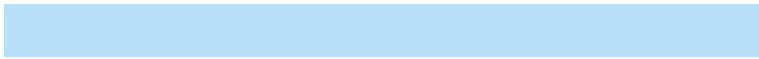
75.1857, 70.5388, 70.6254



70.4355, 70.5388, 57.4414



59.5142, 70.5388, 83.3344



63.7651, 70.5388, 100.0935

Sweetspot

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



75.1874, 70.5418, 70.6269



88.1375, 89.7340, 95.6241



80.4370, 72.5068, 104.3635



18.7111, 18.9783, 20.1714



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

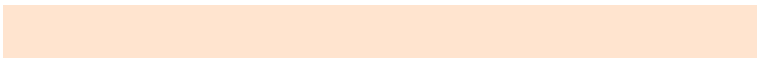
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.1874, 70.5418, 70.6269



71.4855, 65.0686, 63.4417



80.1926, 81.1440, 70.4712



18.0553, 18.0054, 18.9086



21.6148, 11.1352, 1.3559



2.1199, 1.0903, 0.2130

Inverse Universe

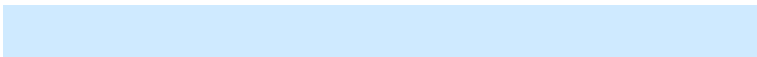
The Inverse Universe completely reimagines the original color for something new.



75.1874, 70.5418, 70.6269



71.4855, 65.0686, 63.4417



73.2644, 79.4474, 106.0812



18.0553, 18.0054, 18.9086



21.6148, 11.1352, 1.3559



2.1199, 1.0903, 0.2130

Previews

White Background



This preview shows how the XYZ color 75.1857, 70.5388, 70.6254 looks on a white background.

Color Contrast Check

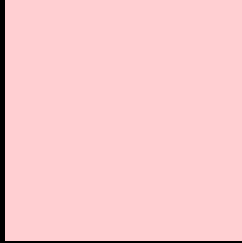
Large Text (above 18pt) WCAG AA × Fail

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 75.1857, 70.5388, 70.6254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

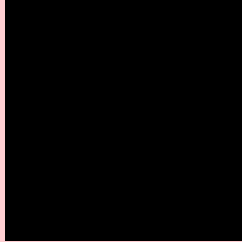
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.1857, 70.5388, 70.6254

Background



This preview shows how black text looks on a background with the XYZ color 75.1857, 70.5388, 70.6254.



This preview shows how white text looks on a background with the XYZ color 75.1857, 70.5388,

70.6254.

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

75.1857, 70.5388, 70.6254

Protanopia

67.8975, 70.7887, 75.0507

Deuteranopia

72.1111, 70.4251, 70.1143



Tritanopia

76.3625, 70.6231, 78.0135

Trichromacy



Original Color

75.1857, 70.5388, 70.6254

Protanomaly

70.4451, 70.6103, 73.5346

Deuteranomaly

73.2666, 70.6531, 70.0974

Tritanomaly

75.8357, 70.4124, 75.2396

Monochromacy



Original Color

75.1857, 70.5388, 70.6254

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

71.3994, 72.1801, 76.4987

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1857, 70.5388, 70.6254 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, 207, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 210)  
}
```

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, 207, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 210) }
```

Border

The CSS property to change the border of an element to XYZ 75.1857, 70.5388, 70.6254 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, 207, 210) }
```


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

```
.border{ border-color:rgb(255, 207, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 207, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1857, 70.5388, 70.6254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 210) }
```

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

```
.background{ background-color: rgb(255,  
207, 210) }
```

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