

Converting Colors

XYZ(76.2761, 69.0979, 70.2952)

Have a look what the booklet for
XYZ(76.2761, 69.0979, 70.2952)
contains.

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Color

**XYZ(73.7595, 67.6864,
70.1500)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC9D2
RGB	255, 201, 210
RGB Percent	100%, 79%, 82%
CMY	0.0000, 0.2117, 0.1765
CMYK	0.00, 0.21, 0.18, 0.00
HSL	350°, 100%, 89%
HSV	350°, 21%, 100%
XYZ	73.7595, 67.6864, 70.1500
YIQ	218.1720, 29.2950, 14.2470

Conversions

Conversions Part 2

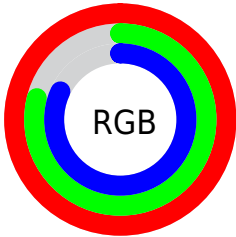
Format	Color
R_{YB}	255, 201, 210
Decimal	16763346
CIE _{Lab}	85.85, 20.47, 2.87
CIE _{LCh}	86, 20.670, 7.968
Y _{xy}	67.6864, 0.3486, 0.3199
Android (android.graphics.Color)	4294953426 (0xFFFFC9D2)
YUV	218.1720, -4.0288, 32.2982
Hunter-Lab	82.2717, 16.0559, 7.0359

Details

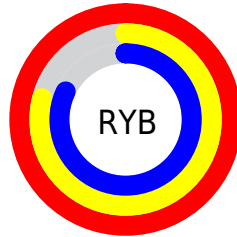
The XYZ color **73.7595, 67.6864, 70.1500** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.4843, 90.5925, 100.6475**, and the grayscale version is **66.7734, 70.2508, 76.5031**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7232, 35.2735, 36.1673** is the 20% darker color. If you saturate the color by 10%, you get **65.8268, 55.7806, 55.2990**, and if you desaturate by 10%, it is **83.0338, 81.7122, 87.1846**.

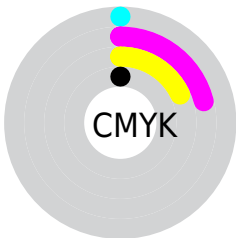
Distribution



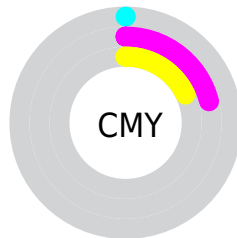
- Red (100%)
- Green (79%)
- Blue (82%)



- Red (100%)
- Yellow (79%)
- Blue (82%)



- Cyan (0%)
- Magenta (21%)
- Yellow (18%)
- Black (0%)




- Cyan (0%)
- Magenta (21%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.7595, 67.6864, 70.1500 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 73.7595, 67.6864, 70.1500 by changing the saturation by 10% instead.


 73.7595, 67.6864,
70.1500

 73.7595, 67.6864,
70.1500


462.7060,
452.3841, 479.8799

 54.8878, 49.6427,
51.1713


123.5522,
115.9034, 121.1058

 39.5454, 35.1295,
35.9673


155.2038,
146.8454, 153.9199

 27.3669, 23.7627,
24.1194


191.8462,
182.8557, 192.1829

 17.9870, 15.1577,
15.2092

233.8446,
224.3186, 236.3133

 11.0403, 8.9301,
8.8181

281.5645,
271.6185, 286.7296

 6.1614, 4.6956,
4.5275

335.3711,

 2.9851, 2.0698,

325.1398, 343.8505

1.9190

395.6298,
385.2668, 408.0944

■ 1.1459, 0.6476,
0.5048

■ 0.0630, 0.0000,
0.0000

■ 73.7595, 67.6864,
70.1500

■ 73.7595, 67.6864,
70.1500

■ 65.8268, 55.7806,
55.2990

■ 83.0338, 81.7122,
87.1846

■ 59.1685, 45.8831,
42.5388

■ 93.7031, 97.9449,
106.4821

■ 53.7187, 37.8855,
31.7760

95.0500, 100.0000,
108.9000

■ 49.4037, 31.6654,
22.9083

■ 46.1416, 27.0861,
15.8245

■ 43.8389, 23.9911,
10.4011

■ 42.3854, 22.1929,
6.4984

■ 41.6666, 21.4306,
4.1765

Harmonies

Analogous

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



73.1305, 67.6864, 83.8991



73.7595, 67.6864, 70.1500



71.7670, 67.6864, 58.8194

Triad

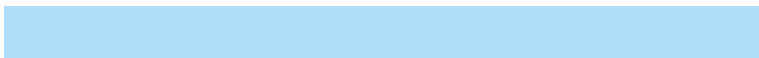
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.7595, 67.6864, 70.1500



58.9037, 67.6864, 55.0270



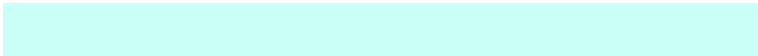
60.9849, 67.6864, 100.5515

Complementary

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



73.7595, 67.6864, 70.1500



76.4843, 90.5925, 100.6475

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.



57.4326, 67.6864, 90.8975



73.7595, 67.6864, 70.1500



56.2726, 67.6864, 64.3610

Square

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



73.7595, 67.6864, 70.1500



63.0825, 67.6864, 50.8130



55.7476, 67.6864, 77.3657



65.6018, 67.6864, 102.5940

Rectangle

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



73.7595, 67.6864, 70.1500



69.2751, 67.6864, 53.7646



55.7476, 67.6864, 77.3657



59.6335, 67.6864, 98.0365

Sweetspot

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



73.7611, 67.6893, 70.1514



88.3763, 89.8295, 96.8815



76.9444, 68.5891, 103.7914



18.7673, 19.0008, 20.4674



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

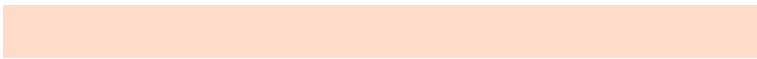
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.7611, 67.6893, 70.1514



70.5707, 62.8889, 64.2162



77.1159, 76.1425, 65.8946



18.1328, 18.0364, 19.3165



21.8076, 11.2123, 2.3715



2.1564, 1.1049, 0.4048

Inverse Universe

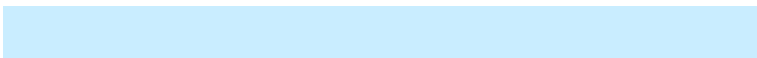
The Inverse Universe completely reimagines the original color for something new.



73.7611, 67.6893, 70.1514



70.5707, 62.8889, 64.2162



72.4238, 80.2079, 106.2723



18.1328, 18.0364, 19.3165



21.8076, 11.2123, 2.3715



2.1564, 1.1049, 0.4048

Previews

White Background



This preview shows how the XYZ color 73.7595, 67.6864, 70.1500 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 73.7595, 67.6864, 70.1500 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 73.7595, 67.6864, 70.1500

Background



This preview shows how black text looks on a background with the XYZ color 73.7595, 67.6864, 70.1500.



This preview shows how white text looks on a background with the XYZ color 73.7595, 67.6864,

70.1500.

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

73.7595, 67.6864, 70.1500

Protanopia

65.4844, 68.0083, 75.3212

Deuteranopia

69.3244, 67.8923, 69.7723



Tritanopia

74.2889, 67.5264, 74.0842

Trichromacy



Original Color

73.7595, 67.6864, 70.1500

Protanomaly

67.8931, 67.4449, 73.0581

Deuteranomaly

70.6482, 67.4992, 69.6267

Tritanomaly

74.0319, 67.4236, 72.7305

Monochromacy



Original Color

73.7595, 67.6864, 70.1500

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

68.7642, 68.9822, 73.9806

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7595, 67.6864, 70.1500 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, 201, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 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, 201, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 210) }
```

Border

The CSS property to change the border of an element to XYZ 73.7595, 67.6864, 70.1500 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, 201, 210) }
```


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

```
.border{ border-color:rgb(255, 201, 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, 201, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7595, 67.6864, 70.1500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 210) }
```

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

```
.background{ background-color: rgb(255,  
201, 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](#).

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