

Converting Colors

XYZ(77.3769, 67.5727, 65.8643)

Have a look what the booklet for
XYZ(77.3769, 67.5727, 65.8643)
contains.

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Color

**XYZ(71.6542, 64.6498,
65.8288)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC3CC
RGB	255, 195, 204
RGB Percent	100%, 76%, 80%
CMY	0.0000, 0.2353, 0.2000
CMYK	0.00, 0.24, 0.20, 0.00
HSL	351°, 100%, 88%
HSV	351°, 24%, 100%
XYZ	71.6542, 64.6498, 65.8288
YIQ	213.9660, 32.8710, 15.5190

Conversions

Conversions Part 2

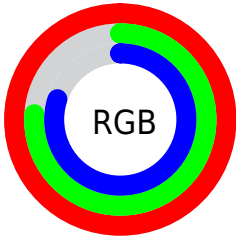
Format	Color
R _Y B	255, 195, 204
Decimal	16761804
CIE Lab	84.30, 22.72, 3.82
CIE LCh	84, 23.041, 9.546
Yxy	64.6498, 0.3545, 0.3198
Android (android.graphics.Color)	4294951884 (0xFFFFC3CC)
YUV	213.9660, -4.9132, 35.9868
Hunter-Lab	80.4051, 18.3640, 7.7420

Details

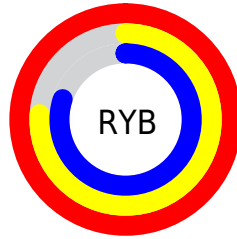
The XYZ color **71.6542, 64.6498, 65.8288** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.9025, 89.7770, 100.5735**, and the grayscale version is **63.9115, 67.2399, 73.2242**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **38.0559, 33.1221, 33.2416** is the 20% darker color. If you saturate the color by 10%, you get **63.9994, 53.2154, 51.3306**, and if you desaturate by 10%, it is **80.6495, 78.1858, 82.5607**.

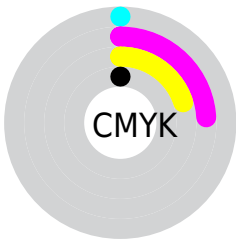
Distribution



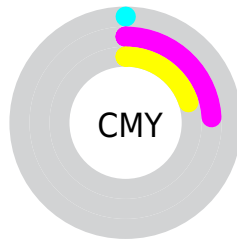
- Red (100%)
- Green (76%)
- Blue (80%)



- Red (100%)
- Yellow (76%)
- Blue (80%)



- Cyan (0%)
- Magenta (24%)
- Yellow (20%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.6542, 64.6498, 65.8288 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 71.6542, 64.6498, 65.8288 by changing the saturation by 10% instead.


 71.6542, 64.6498,
65.8288

 71.6542, 64.6498,
65.8288


455.5134,
441.5324, 464.1519

 53.1607, 47.1772,
47.6778

 120.5782,
111.5462, 114.8652

 38.1591, 33.1757,
33.2137


151.7395,
141.7388, 146.5878

 26.2839, 22.2611,
22.0177

187.8540,
176.9402, 183.6713

 17.1700, 14.0489,
13.6715

229.2872,
217.5347, 226.5343

 10.4518, 8.1547,
7.7564

276.4043,
263.9068, 275.5953

 5.7641, 4.1941,
3.8539

329.5709,

 2.7415, 1.7827,

316.4409, 331.2729

1.5456

389.1521,
375.5213, 393.9855

■ 1.0186, 0.4764,
0.2515

■ 0.0000, 0.0000,
0.0000

■ 71.6542, 64.6498,
65.8288

■ 71.6542, 64.6498,
65.8288

■ 63.9994, 53.2154,
51.3306

■ 80.6495, 78.1858,
82.5607

■ 57.6162, 43.7692,
38.9673

■ 91.0409, 93.9125,
101.6114

■ 52.4363, 36.1996,
28.6387

95.0500, 100.0000,
108.9000

■ 48.3831, 30.3811,
20.2347

■ 45.3712, 26.1723,
13.6348

■ 43.3022, 23.4100,
8.7046

■ 42.0587, 21.8961,
5.2898

■ 41.5936, 21.4015,
3.7922

Harmonies

Analogous

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



71.1200, 64.6498, 80.6899



71.6542, 64.6498, 65.8288



69.3390, 64.6498, 53.9549

Triad

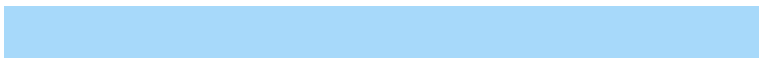
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.6542, 64.6498, 65.8288



55.4023, 64.6498, 50.8490



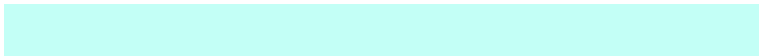
58.0781, 64.6498, 100.1831

Complementary

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



71.6542, 64.6498, 65.8288



74.9025, 89.7770, 100.5735

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.



54.1790, 64.6498, 89.8698



71.6542, 64.6498, 65.8288



52.6946, 64.6498, 61.0109

Square

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



71.6542, 64.6498, 65.8288



59.8328, 64.6498, 46.1318



52.2596, 64.6498, 75.1627



63.0914, 64.6498, 101.9448

Rectangle

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



71.6542, 64.6498, 65.8288



66.5629, 64.6498, 48.8171



52.2596, 64.6498, 75.1627



56.6015, 64.6498, 97.5397

Sweetspot

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



71.6557, 64.6526, 65.8301



87.2700, 88.1962, 94.7269



75.5728, 65.8459, 103.3342



18.5429, 18.6709, 20.0256



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.



71.6557, 64.6526, 65.8301



68.0695, 59.2838, 59.0743



75.6479, 74.3142, 61.9903



18.1203, 18.0315, 19.2509



21.7666, 11.1959, 2.1553



2.1505, 1.1026, 0.3740

Inverse Universe

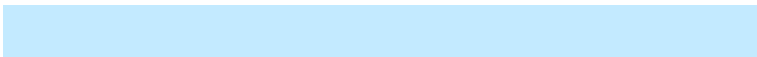
The Inverse Universe completely reimagines the original color for something new.



71.6557, 64.6526, 65.8301



68.0695, 59.2838, 59.0743



69.9807, 77.6698, 105.9111



18.1203, 18.0315, 19.2509



21.7666, 11.1959, 2.1553



2.1505, 1.1026, 0.3740

Previews

White Background



This preview shows how the XYZ color 71.6542, 64.6498, 65.8288 looks on a white background.

Color Contrast Check

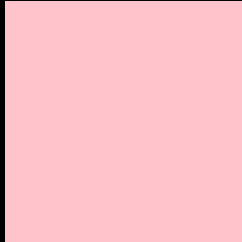
Large Text (above 18pt) WCAG AA × Fail

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 71.6542, 64.6498, 65.8288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

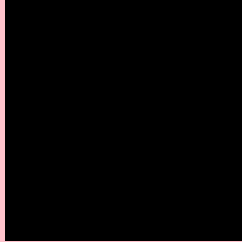
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.6542, 64.6498, 65.8288

Background



This preview shows how black text looks on a background with the XYZ color 71.6542, 64.6498, 65.8288.



This preview shows how white text looks on a background with the XYZ color 71.6542, 64.6498,

65.8288.

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

71.6542, 64.6498, 65.8288

Protanopia

62.6618, 65.1428, 71.5585

Deuteranopia

66.1852, 64.9424, 64.9239



Tritanopia

72.0404, 64.4470, 68.9642

Trichromacy



Original Color

71.6542, 64.6498, 65.8288

Protanomaly

65.6530, 64.9241, 69.3929

Deuteranomaly

68.2841, 64.9623, 65.4399

Tritanomaly

71.7943, 64.3486, 67.6680

Monochromacy



Original Color

71.6542, 64.6498, 65.8288

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

66.2588, 65.9368, 70.2076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.6542, 64.6498, 65.8288 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, 195, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 204)  
}
```

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, 195, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 204) }
```

Border

The CSS property to change the border of an element to XYZ 71.6542, 64.6498, 65.8288 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, 195, 204) }
```


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

```
.border{ border-color:rgb(255, 195, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 195, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 71.6542, 64.6498, 65.8288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 204) }
```

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

```
.background{ background-color: rgb(255,  
195, 204) }
```

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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