

Converting Colors

XYZ(85.7998, 74.0311, 59.7023)

Have a look what the booklet for
XYZ(85.7998, 74.0311, 59.7023)
contains.

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Color

**XYZ(71.6411, 66.8391,
58.9945)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC9C0
RGB	255, 201, 192
RGB Percent	100%, 79%, 75%
CMY	0.0000, 0.2117, 0.2471
CMYK	0.00, 0.21, 0.25, 0.00
HSL	9°, 100%, 88%
HSV	9°, 25%, 100%
XYZ	71.6411, 66.8391, 58.9945
YIQ	216.1200, 35.0730, 8.6490

Conversions

Conversions Part 2

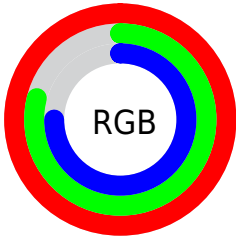
Format	Color
R _Y B	255, 203, 192
Decimal	16763328
CIE Lab	85.42, 17.87, 11.82
CIE LCh	85, 21.424, 33.483
Yxy	66.8391, 0.3628, 0.3385
Android (android.graphics.Color)	4294953408 (0xFFFFC9C0)
YUV	216.1200, -11.8912, 34.0978
Hunter-Lab	81.7552, 13.3459, 14.4450

Details

The XYZ color **71.6411, 66.8391, 58.9945** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.7429, 84.3352, 107.0521**, and the grayscale version is **65.4152, 68.8219, 74.9470**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **38.1199, 34.6018, 29.0958** is the 20% darker color. If you saturate the color by 10%, you get **64.3195, 56.3325, 43.8013**, and if you desaturate by 10%, it is **80.1804, 78.9972, 77.0102**.

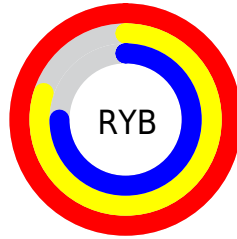
Distribution



Red (100%)

Green (79%)

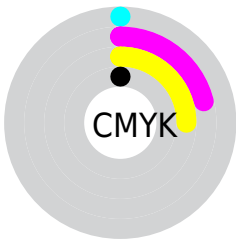
Blue (75%)



Red (100%)

Yellow (80%)

Blue (75%)

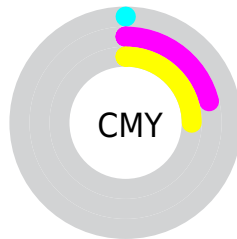


Cyan (0%)

Magenta (21%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (21%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.6411, 66.8391, 58.9945 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 71.6411, 66.8391, 58.9945 by changing the saturation by 10% instead.


 71.6411, 66.8391,
58.9945

 71.6411, 66.8391,
58.9945


455.4685,
449.3718, 438.5828

 53.1500, 48.9539,
42.1887


 120.5597,
114.6898, 104.8987

 38.1505, 34.5829,
28.9224

151.7179,
145.4241, 134.8342

 26.2772, 23.3418,
18.7771


187.8291,
181.2102, 169.9834

 17.1649, 14.8461,
11.3341

229.2587,
222.4326, 210.7647

 10.4482, 8.7114,
6.1750

276.3721,
269.4755, 257.5968

 5.7616, 4.5534,
2.8813


329.5346,

 2.7400, 1.9877,


322.7234, 310.8982


1.0344


389.1116,
382.5607, 371.0873


 1.0178, 0.6003,
0.0000


 0.0000, 0.0000,
0.0000


 71.6411, 66.8391,
58.9945


 71.6411, 66.8391,
58.9945

 64.3195, 56.3325,
43.8013


 80.1804, 78.9972,
77.0102

 58.1550, 47.3974,
31.2834

 89.9846, 92.8646,
97.9771

 53.0891, 39.9607,
21.2864

95.0500, 100.0000,
108.9000

 49.0563, 33.9397,
13.6386

■ 45.9836, 29.2437,
8.1466

■ 43.7886, 25.7713,
4.5860

■ 42.3737, 23.4060,
2.6824

■ 41.8846, 22.5491,
2.1449

Harmonies

Analogous

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



73.3145, 66.8391, 71.1634



71.6411, 66.8391, 58.9945



67.7903, 66.8391, 51.3698

Triad

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



71.6411, 66.8391, 58.9945



55.5324, 66.8391, 61.4756



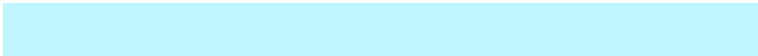
64.0977, 66.8391, 102.8734

Complementary

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



71.6411, 66.8391, 58.9945



72.7429, 84.3352, 107.0521

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.



59.4493, 66.8391, 99.4307



71.6411, 66.8391, 58.9945



54.6546, 66.8391, 74.4136

Square

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



71.6411, 66.8391, 58.9945



58.5139, 66.8391, 52.6690



56.0528, 66.8391, 88.5532



68.8218, 66.8391, 97.4431

Rectangle

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



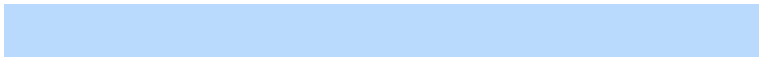
71.6411, 66.8391, 58.9945



64.5945, 66.8391, 49.3045



56.0528, 66.8391, 88.5532



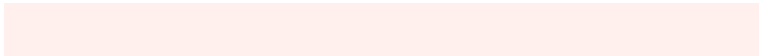
62.4744, 66.8391, 102.7180

Sweetspot

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



71.6427, 66.8421, 58.9959



87.6203, 89.5277, 92.8982



76.8168, 65.6507, 96.2957



18.6237, 18.9781, 19.6038



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.



71.6427, 66.8421, 58.9959



67.6175, 61.0770, 50.6084



79.5832, 82.7231, 61.6427



18.2188, 18.4057, 18.7368



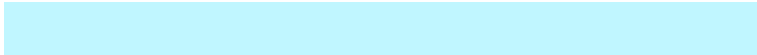
21.9485, 11.9082, 1.1417



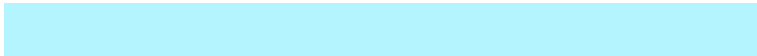
2.1970, 1.2794, 0.1312

Inverse Universe

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



72.7429, 84.3352, 107.0521



68.8954, 81.4849, 106.7047



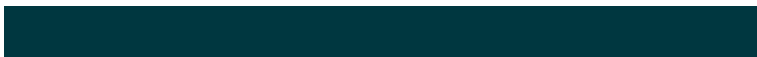
64.1148, 67.0790, 104.1761



18.3205, 20.0127, 23.1472



22.6914, 30.2924, 54.0856



2.2674, 3.0654, 5.2855

Previews

White Background



This preview shows how the XYZ color 71.6411, 66.8391, 58.9945 looks on a white background.

Color Contrast Check

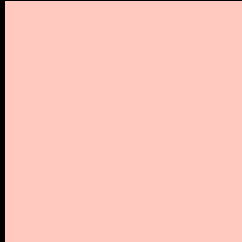
Large Text (above 18pt) WCAG AA × Fail

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 71.6411, 66.8391, 58.9945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

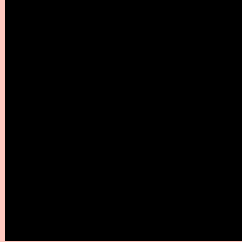
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.6411, 66.8391, 58.9945

Background



This preview shows how black text looks on a background with the XYZ color 71.6411, 66.8391, 58.9945.



This preview shows how white text looks on a background with the XYZ color 71.6411, 66.8391,

58.9945.

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

71.6411, 66.8391, 58.9945

Protanopia

63.8061, 67.0379, 63.0027

Deuteranopia

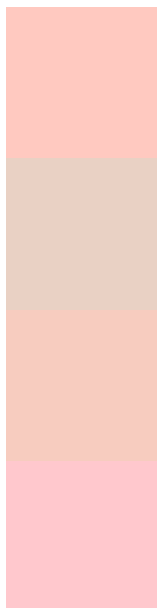
68.4374, 66.9589, 58.6075



Tritanopia

73.6737, 66.9109, 71.9829

Trichromacy



Original Color

71.6411, 66.8391, 58.9945

Protanomaly

66.3685, 66.9101, 61.6415

Deuteranomaly

69.3546, 66.7215, 58.5134

Tritanomaly

72.9137, 66.9763, 66.8424

Monochromacy



Original Color

71.6411, 66.8391, 58.9945

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

67.1899, 67.9165, 68.5994

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.6411, 66.8391, 58.9945 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 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, 201, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 192) }
```

Border

The CSS property to change the border of an element to XYZ 71.6411, 66.8391, 58.9945 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, 192) }
```


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

```
.border{ border-color:rgb(255, 201, 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, 201, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 201, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 201, 192); box-shadow:4px 4px 4px 4px rgb(255, 201, 192) }
```

Background

The CSS property to change the background color of an element to XYZ 71.6411, 66.8391, 58.9945 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, 192) }
```

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

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