

Converting Colors

XYZ(71.7220, 66.1573, 61.6224)

Have a look what the booklet for
XYZ(71.7220, 66.1573, 61.6224)
contains.

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Color

**XYZ(71.7415, 66.1381,
61.8081)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC7C5
RGB	255, 199, 197
RGB Percent	100%, 78%, 77%
CMY	0.0000, 0.2196, 0.2274
CMYK	0.00, 0.22, 0.23, 0.00
HSL	2°, 100%, 89%
HSV	2°, 23%, 100%
XYZ	71.7415, 66.1381, 61.8081
YIQ	215.5160, 34.0180, 11.2500

Conversions

Conversions Part 2

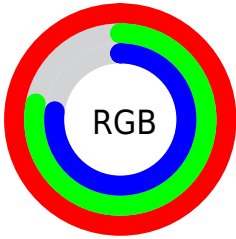
Format	Color
R _Y B	255, 199, 197
Decimal	16762821
CIE Lab	85.07, 19.61, 8.65
CIE LCh	85, 21.439, 23.807
Yxy	66.1381, 0.3593, 0.3312
Android (android.graphics.Color)	4294952901 (0xFFFFC7C5)
YUV	215.5160, -9.1284, 34.6275
Hunter-Lab	81.3253, 15.1452, 11.8667

Details

The XYZ color **71.7415, 66.1381, 61.8081** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.2001, 89.3380, 107.8355**, and the grayscale version is **64.9864, 68.3708, 74.4558**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **38.1093, 34.1043, 30.5608** is the 20% darker color. If you saturate the color by 10%, you get **63.8497, 54.6416, 45.9608**, and if you desaturate by 10%, it is **81.0471, 79.6707, 80.5665**.

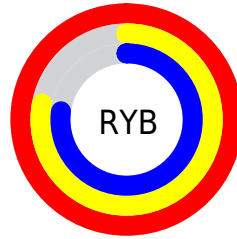
Distribution



Red (100%)

Green (78%)

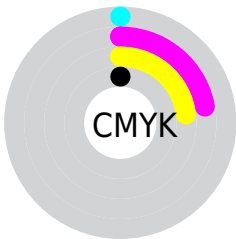
Blue (77%)



Red (100%)

Yellow (78%)

Blue (77%)

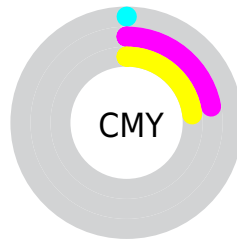


Cyan (0%)

Magenta (22%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.7415, 66.1381, 61.8081 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 71.7415, 66.1381, 61.8081 by changing the saturation by 10% instead.


 71.7415, 66.1381,
61.8081

 71.7415, 66.1381,
61.8081

455.8130,
446.8706, 449.2191

 53.2322, 48.3845,
44.4429


120.7017,
113.6845, 109.0170

 38.2164, 34.1315,
30.6791

151.8834,
144.2461, 139.6978

 26.3287, 22.9946,
20.0982


188.0200,
179.8459, 175.6542

 17.2037, 14.5895,
12.2816

229.4767,
220.8682, 217.3047

 10.4760, 8.5318,
6.8109

276.6190,
267.6974, 265.0680

 5.7804, 4.4371,
3.2675


329.8123,

 2.7514, 1.9209,


320.7180, 319.3624


1.2328


389.4218,
380.3142, 380.6066

 1.0237, 0.5609,
0.0057


 0.0000, 0.0000,
0.0000


 71.7415, 66.1381,
61.8081


 71.7415, 66.1381,
61.8081

 63.8497, 54.6416,
45.9608


 81.0471, 79.6707,
80.5665

 57.2980, 45.0745,
32.8751

 91.8258, 95.3220,
102.3674

 52.0134, 37.3337,
22.3940

95.0500, 100.0000,
108.9000

 47.9140, 31.3030,
14.3436

■ 44.9083, 26.8529,
8.5284

■ 42.8914, 23.8354,
4.7231

■ 41.7379, 22.0744,
2.6550

■ 41.3357, 21.4513,
1.9619

Harmonies

Analogous

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



72.5478, 66.1381, 74.9188



71.7415, 66.1381, 61.8081



68.5035, 66.1381, 52.6218

Triad

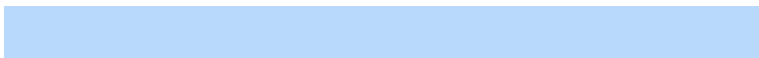
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.7415, 66.1381, 61.8081



55.6659, 66.1381, 57.4303



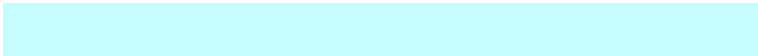
61.8664, 66.1381, 101.8016

Complementary

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



71.7415, 66.1381, 61.8081



76.2001, 89.3380, 107.8355

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.



57.5396, 66.1381, 95.6642



71.7415, 66.1381, 61.8081



54.0796, 66.1381, 69.1836

Square

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



71.7415, 66.1381, 61.8081



59.1899, 66.1381, 50.3297



54.7477, 66.1381, 83.2839



66.6835, 66.1381, 99.1712

Rectangle

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



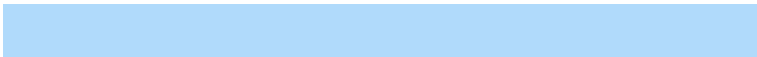
71.7415, 66.1381, 61.8081



65.4862, 66.1381, 49.3850



54.7477, 66.1381, 83.2839



60.3094, 66.1381, 100.6730

Sweetspot

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



71.7431, 66.1410, 61.8095



87.0547, 88.3967, 92.7097



78.9468, 68.2893, 102.0044



18.4932, 18.7171, 19.5603



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.



71.7431, 66.1410, 61.8095



68.2155, 61.0048, 54.7178



79.0435, 80.7418, 64.2429



18.0597, 18.0876, 18.6837



21.6205, 11.2523, 1.0324



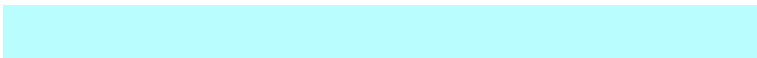
2.1220, 1.1295, 0.1062

Inverse Universe

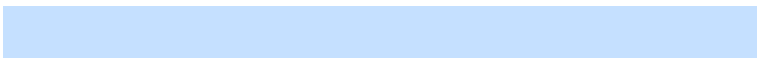
The Inverse Universe completely reimagines the original color for something new.



76.2001, 89.3380, 107.8355



73.3416, 87.6888, 107.6679



67.7501, 72.4381, 105.0189



18.4979, 20.3673, 23.2063



26.7051, 38.3197, 55.4235



2.6164, 3.7634, 5.4018

Previews

White Background



This preview shows how the XYZ color 71.7415, 66.1381, 61.8081 looks on a white background.

Color Contrast Check

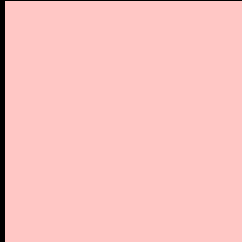
Large Text (above 18pt) WCAG AA × Fail

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 71.7415, 66.1381, 61.8081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

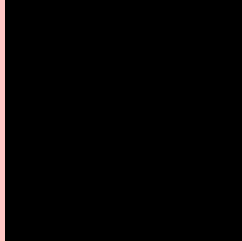
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.7415, 66.1381, 61.8081

Background



This preview shows how black text looks on a background with the XYZ color 71.7415, 66.1381, 61.8081.

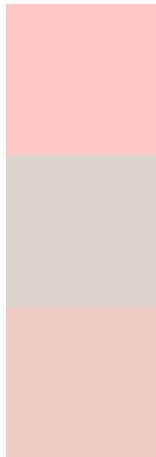


This preview shows how white text looks on a background with the XYZ color 71.7415, 66.1381,

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

71.7415, 66.1381, 61.8081

Protanopia

63.6560, 66.5067, 66.6088

Deuteranopia

67.7303, 66.1734, 61.4275



Tritanopia

73.0899, 65.9460, 71.1639

Trichromacy



Original Color

71.7415, 66.1381, 61.8081

Protanomaly

66.1342, 65.9985, 64.5117

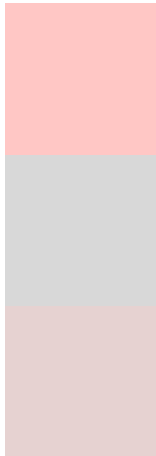
Deuteranomaly

68.9759, 66.1099, 61.3496

Tritanomaly

72.6966, 66.1532, 67.9688

Monochromacy



Original Color

71.7415, 66.1381, 61.8081

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

67.1883, 67.5196, 69.8130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7415, 66.1381, 61.8081 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, 199, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 197)  
}
```

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, 199, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 197) }
```

Border

The CSS property to change the border of an element to XYZ 71.7415, 66.1381, 61.8081 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, 199, 197) }
```


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

```
.border{ border-color:rgb(255, 199, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 199, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7415, 66.1381, 61.8081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 197) }
```

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

```
.background{ background-color: rgb(255,  
199, 197) }
```

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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