

Converting Colors

XYZ(76.8053, 74.0041, 65.7930)

Have a look what the booklet for
XYZ(76.8053, 74.0041, 65.7930)
contains.

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Color

**XYZ(75.8292, 73.5702,
65.4622)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD6C9
RGB	255, 214, 201
RGB Percent	100%, 84%, 79%
CMY	0.0000, 0.1608, 0.2118
CMYK	0.00, 0.16, 0.21, 0.00
HSL	14°, 100%, 89%
HSV	14°, 21%, 100%
XYZ	75.8292, 73.5702, 65.4622
YIQ	224.7770, 28.6090, 4.6490

Conversions

Conversions Part 2

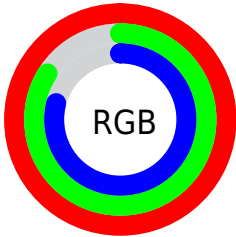
Format	Color
R _Y B	255, 218, 201
Decimal	16766665
CIE Lab	88.72, 12.36, 11.75
CIE LCh	89, 17.053, 43.550
Yxy	73.5702, 0.3529, 0.3424
Android (android.graphics.Color)	4294956745 (0xFFFFD6C9)
YUV	224.7770, -11.7221, 26.5056
Hunter-Lab	85.7731, 7.7032, 14.7909

Details

The XYZ color **75.8292, 73.5702, 65.4622** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.8886, 83.1392, 106.7609**, and the grayscale version is **71.4766, 75.1989, 81.8916**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9533, 38.9086, 32.9554** is the 20% darker color. If you saturate the color by 10%, you get **68.4635, 63.2473, 49.4158**, and if you desaturate by 10%, it is **84.2788, 85.2633, 84.3284**.

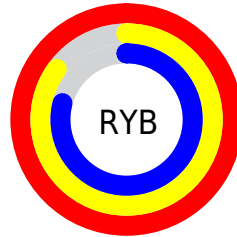
Distribution



Red (100%)

Green (84%)

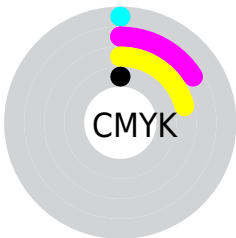
Blue (79%)



Red (100%)

Yellow (85%)

Blue (79%)

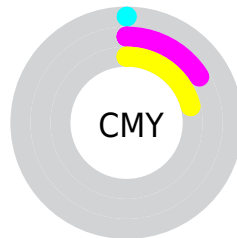


Cyan (0%)

Magenta (16%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.8292, 73.5702, 65.4622 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 75.8292, 73.5702, 65.4622 by changing the saturation by 10% instead.


 75.8292, 73.5702,
65.4622

 75.8292, 73.5702,
65.4622


469.7162,
472.9887, 462.8027

 56.5890, 54.4423,
47.3822


126.4671,
124.2863, 114.3337

 40.9142, 38.9554,
32.9814


158.5955,
156.6434, 145.9624

 28.4394, 26.7250,
21.8412


195.7507,
194.1790, 182.9443

 18.7993, 17.3668,
13.5431

238.2981,
237.2775, 225.6981

 11.6285, 10.4964,
7.6685

286.6030,
286.3234, 274.6423

 6.5616, 5.7293,
3.7988

341.0307,

 3.2334, 2.6812,

341.7009, 330.1955

1.5156

401.9467,
403.7945, 392.7761

■ 1.2783, 0.9676,
0.2295

■ 0.1669, 0.0000,
0.0000

■ 75.8292, 73.5702,
65.4622

■ 75.8292, 73.5702,
65.4622

■ 68.4635, 63.2473,
49.4158

■ 84.2788, 85.2633,
84.3284

■ 62.1314, 54.2345,
36.0485

■ 93.8491, 98.3646,
106.1367

■ 56.7866, 46.4814,
25.2144

95.0500, 100.0000,
108.9000

■ 52.3770, 39.9306,
16.7516

■ 48.8454, 34.5199,
10.4795

■ 46.1276, 30.1814,
6.1909

■ 44.1494, 26.8393,
3.6382

■ 42.9309, 24.6417,
2.4936

Harmonies

Analogous

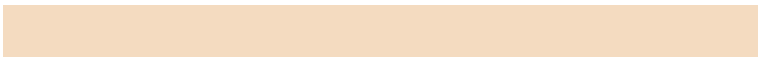
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.9177, 73.5702, 74.9041



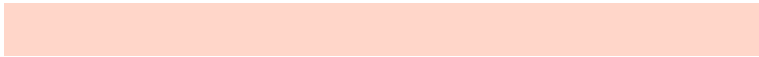
75.8292, 73.5702, 65.4622



72.1947, 73.5702, 60.2487

Triad

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



75.8292, 73.5702, 65.4622



62.5972, 73.5702, 73.8483



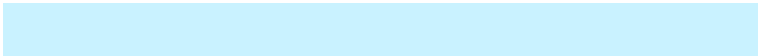
71.7997, 73.5702, 104.2601

Complementary

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



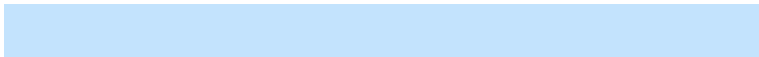
75.8292, 73.5702, 65.4622



73.8886, 83.1392, 106.7609

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.



67.7059, 73.5702, 103.9061



75.8292, 73.5702, 65.4622



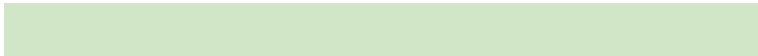
62.5008, 73.5702, 85.5422

Square

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



75.8292, 73.5702, 65.4622



64.6065, 73.5702, 64.7549



64.3379, 73.5702, 96.7841



75.5303, 73.5702, 97.7083

Rectangle

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



75.8292, 73.5702, 65.4622



69.4366, 73.5702, 59.5193



64.3379, 73.5702, 96.7841



70.4182, 73.5702, 104.9629

Sweetspot

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



75.8310, 73.5734, 65.4637



89.0895, 91.8652, 95.2408



78.2143, 69.4689, 93.6065



18.9353, 19.4801, 20.0813



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.



75.8310, 73.5734, 65.4637



72.8883, 69.4662, 59.0013



83.1200, 88.1514, 67.8934



18.3645, 18.6972, 18.7853



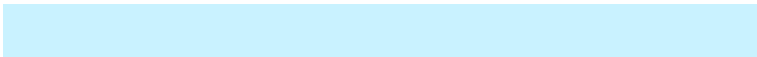
22.5281, 13.0674, 1.3349



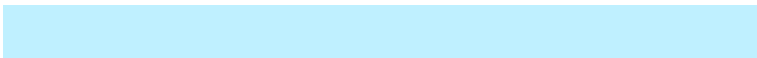
2.2740, 1.4333, 0.1568

Inverse Universe

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



73.8886, 83.1392, 106.7609



70.6550, 80.4413, 106.4105



66.5406, 68.4432, 104.3115



18.1624, 19.6965, 23.0945



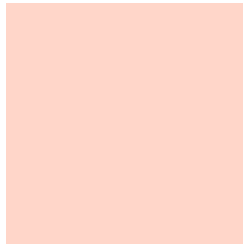
19.5861, 24.0817, 53.0505



1.9916, 2.5138, 5.1935

Previews

White Background



This preview shows how the XYZ color 75.8292, 73.5702, 65.4622 looks on a white background.

Color Contrast Check

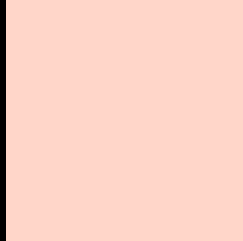
Large Text (above 18pt) WCAG AA × Fail

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 75.8292, 73.5702, 65.4622 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

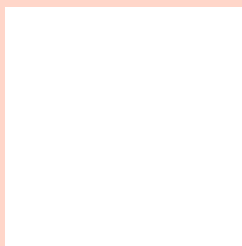
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.8292, 73.5702, 65.4622

Background



This preview shows how black text looks on a background with the XYZ color 75.8292, 73.5702, 65.4622.



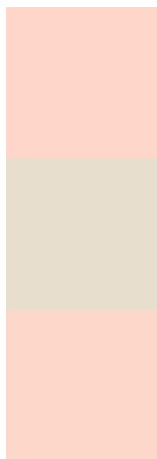
This preview shows how white text looks on a background with the XYZ color 75.8292, 73.5702,

65.4622.

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

75.8292, 73.5702, 65.4622

Protanopia

70.0957, 73.6393, 68.2770

Deuteranopia

75.3511, 73.7006, 65.5125



Tritanopia

78.2617, 73.3395, 81.9826

Trichromacy



Original Color

75.8292, 73.5702, 65.4622

Protanomaly

72.1658, 73.5479, 67.5194

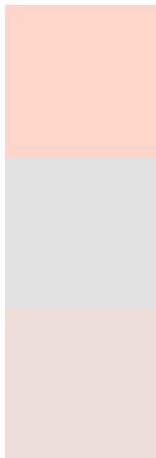
Deuteranomaly

75.7161, 73.8888, 65.5296

Tritanomaly

77.3079, 73.3567, 75.7303

Monochromacy



Original Color

75.8292, 73.5702, 65.4622

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.8432, 74.5036, 75.5071

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.8292, 73.5702, 65.4622 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, 214, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 201)  
}
```

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, 214, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 201) }
```

Border

The CSS property to change the border of an element to XYZ 75.8292, 73.5702, 65.4622 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, 214, 201) }
```


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

```
.border{ border-color:rgb(255, 214, 201) }
```

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

Here you see how a box with a 4 pixel rgb(255, 214, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 75.8292, 73.5702, 65.4622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 201) }
```

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

```
.background{ background-color: rgb(255,  
214, 201) }
```

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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