

Converting Colors

XYZ(76.4785, 74.7840, 65.9402)

Have a look what the booklet for
XYZ(76.4785, 74.7840, 65.9402)
contains.

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Color

**XYZ(76.3385, 74.5888,
65.6319)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD8C9
RGB	255, 216, 201
RGB Percent	100%, 85%, 79%
CMY	0.0000, 0.1529, 0.2118
CMYK	0.00, 0.15, 0.21, 0.00
HSL	17°, 100%, 89%
HSV	17°, 21%, 100%
XYZ	76.3385, 74.5888, 65.6319
YIQ	225.9510, 28.0590, 3.6030

Conversions

Conversions Part 2

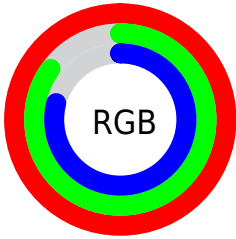
Format	Color
R _Y B	255, 222, 201
Decimal	16767177
CIE Lab	89.20, 11.32, 12.43
CIE LCh	89, 16.816, 47.678
Yxy	74.5888, 0.3525, 0.3444
Android (android.graphics.Color)	4294957257 (0xFFFFD8C9)
YUV	225.9510, -12.3008, 25.4760
Hunter-Lab	86.3648, 6.6391, 15.3986

Details

The XYZ color **76.3385, 74.5888, 65.6319** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.2965, 81.9551, 106.5635**, and the grayscale version is **72.3268, 76.0934, 82.8657**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3000, 39.6021, 33.0710** is the 20% darker color. If you saturate the color by 10%, you get **69.1282, 64.5768, 49.6373**, and if you desaturate by 10%, it is **84.5791, 85.8639, 84.4285**.

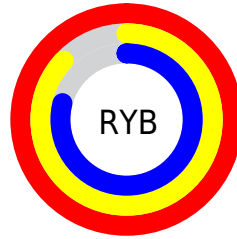
Distribution



Red (100%)

Green (85%)

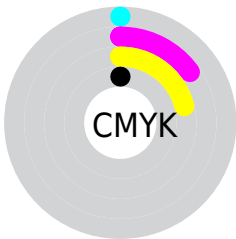
Blue (79%)



Red (100%)

Yellow (87%)

Blue (79%)

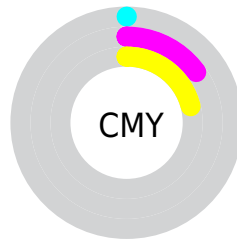


Cyan (0%)

Magenta (15%)

Yellow (21%)

Black (0%)



Cyan (0%)

Magenta (15%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.3385, 74.5888, 65.6319 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 76.3385, 74.5888, 65.6319 by changing the saturation by 10% instead.


 76.3385, 74.5888,
65.6319

 76.3385, 74.5888,
65.6319


471.4323,
476.5030, 463.4275

 57.0081, 55.2761,
47.5191

127.1831,
125.7301, 114.5798

 41.2519, 39.6228,
33.0889

159.4280,
158.3275, 146.2520

 28.7045, 27.2446,
21.9229


196.7086,
196.1219, 183.2809

 19.0006, 17.7570,
13.6025

239.3900,
239.4977, 226.0853

 11.7747, 10.7757,
7.7091

287.8378,
288.8394, 275.0836

 6.6616, 5.9162,
3.8243

342.4171,

 3.2958, 2.7942,

344.5312, 330.6944

1.5295

403.4935,
406.9576, 393.3362

■ 1.3121, 1.0252,
0.2397

■ 0.1922, 0.0000,
0.0000

■ 76.3385, 74.5888,
65.6319

■ 76.3385, 74.5888,
65.6319

■ 69.1282, 64.5768,
49.6373

■ 84.5791, 85.8639,
84.4285

■ 62.9009, 55.7736,
36.3050

■ 93.8841, 98.4346,
106.1483

■ 57.6135, 48.1351,
25.4900

95.0500, 100.0000,
108.9000

■ 53.2173, 41.6110,
17.0316

■ 49.6588, 36.1468,
10.7506

■ 46.8783, 31.6830,
6.4411

■ 44.8065, 28.1535,
3.8573

■ 43.4842, 25.7484,
2.6781

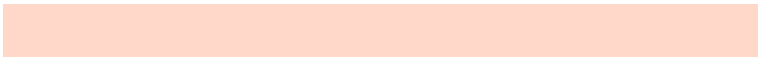
Harmonies

Analogous

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



78.6778, 74.5888, 74.5464



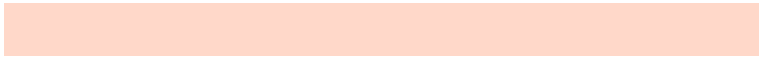
76.3385, 74.5888, 65.6319



72.5909, 74.5888, 61.0850

Triad

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



76.3385, 74.5888, 65.6319



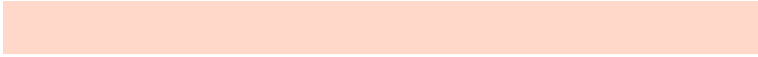
63.4647, 74.5888, 76.4889



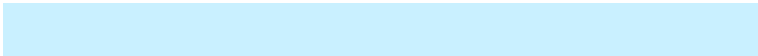
73.3166, 74.5888, 104.6932

Complementary

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



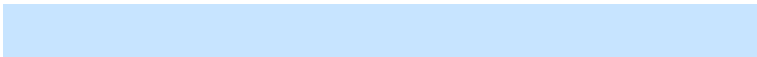
76.3385, 74.5888, 65.6319



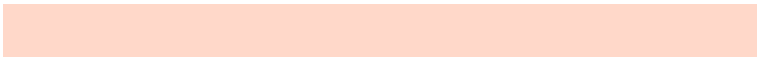
73.2965, 81.9551, 106.5635

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.



69.2246, 74.5888, 105.3417



76.3385, 74.5888, 65.6319



63.6421, 74.5888, 88.2689

Square

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



76.3385, 74.5888, 65.6319



65.2212, 74.5888, 66.9356



65.7155, 74.5888, 99.0868



76.8874, 74.5888, 97.3922

Rectangle

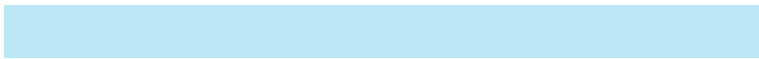
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.3385, 74.5888, 65.6319



69.8458, 74.5888, 60.8225



65.7155, 74.5888, 99.0868



71.9535, 74.5888, 105.7201

Sweetspot

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



76.3403, 74.5921, 65.6334



89.2597, 92.2056, 95.2976



77.9446, 69.3610, 92.1864



18.9754, 19.5604, 20.0947



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.



76.3403, 74.5921, 65.6334



73.4632, 70.6161, 59.1929



83.6542, 89.2200, 68.0714



18.4202, 18.8085, 18.8039



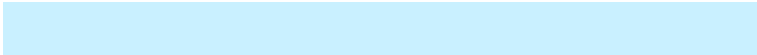
22.8284, 13.6681, 1.4350



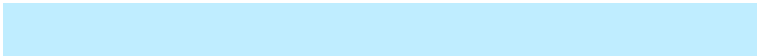
2.3098, 1.5050, 0.1688

Inverse Universe

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



73.2965, 81.9551, 106.5635



69.9657, 79.0627, 106.1808



66.0836, 67.5292, 104.1592



18.1031, 19.5778, 23.0747



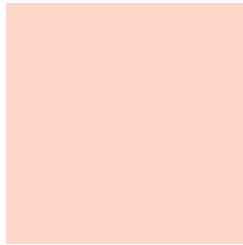
18.5353, 21.9802, 52.7003



1.8967, 2.3241, 5.1619

Previews

White Background



This preview shows how the XYZ color 76.3385, 74.5888, 65.6319 looks on a white background.

Color Contrast Check

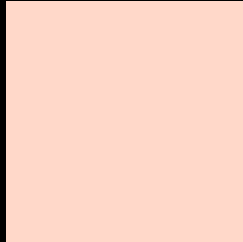
Large Text (above 18pt) WCAG AA × Fail

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 76.3385, 74.5888, 65.6319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

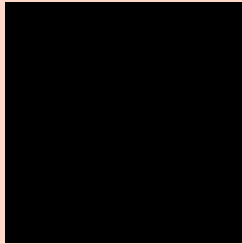
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.3385, 74.5888, 65.6319

Background



This preview shows how black text looks on a background with the XYZ color 76.3385, 74.5888, 65.6319.

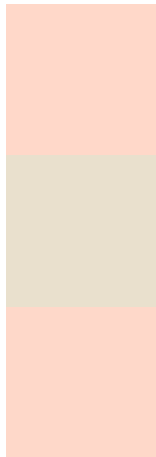


This preview shows how white text looks on a background with the XYZ color 76.3385, 74.5888,

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

76.3385, 74.5888, 65.6319

Protanopia

71.2794, 75.0427, 68.4855

Deuteranopia

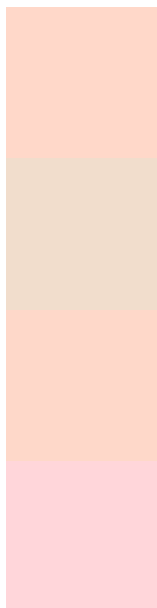
75.9715, 74.3996, 65.6148



Tritanopia

79.0378, 74.4499, 83.6033

Trichromacy



Original Color

76.3385, 74.5888, 65.6319

Protanomaly

73.0312, 74.7733, 67.7103

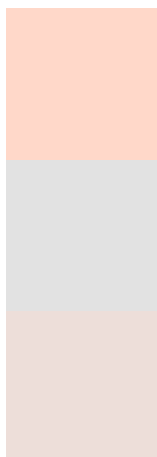
Deuteranomaly

75.9715, 74.3996, 65.6148

Tritanomaly

77.9415, 74.4151, 76.5853

Monochromacy



Original Color

76.3385, 74.5888, 65.6319

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.5707, 75.2568, 76.2941

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.3385, 74.5888, 65.6319 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, 216, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 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, 216, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 201) }
```

Border

The CSS property to change the border of an element to XYZ 76.3385, 74.5888, 65.6319 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, 216, 201) }
```


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

```
.border{ border-color:rgb(255, 216, 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, 216, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 76.3385, 74.5888, 65.6319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 201) }
```

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

```
.background{ background-color: rgb(255,  
216, 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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