

Converting Colors

XYZ(76.8644, 75.6948, 65.6403)

Have a look what the booklet for
XYZ(76.8644, 75.6948, 65.6403)
contains.

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Color

**XYZ(76.8540, 75.6199,
65.8038)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDAC9
RGB	255, 218, 201
RGB Percent	100%, 85%, 79%
CMY	0.0000, 0.1451, 0.2118
CMYK	0.00, 0.15, 0.21, 0.00
HSL	19°, 100%, 89%
HSV	19°, 21%, 100%
XYZ	76.8540, 75.6199, 65.8038
YIQ	227.1250, 27.5090, 2.5570

Conversions

Conversions Part 2

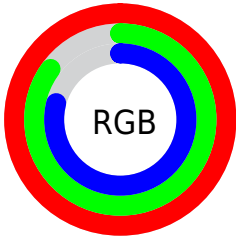
Format	Color
R _Y B	255, 226, 201
Decimal	16767689
CIE Lab	89.68, 10.29, 13.12
CIE LCh	90, 16.670, 51.899
Yxy	75.6199, 0.3521, 0.3464
Android (android.graphics.Color)	4294957769 (0xFFFFDAC9)
YUV	227.1250, -12.8796, 24.4464
Hunter-Lab	86.9597, 5.5768, 16.0061

Details

The XYZ color **76.8540, 75.6199, 65.8038** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.7110, 80.7841, 106.3683**, and the grayscale version is **73.1830, 76.9942, 83.8467**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.6524, 40.3067, 33.1884** is the 20% darker color. If you saturate the color by 10%, you get **69.8060, 65.9325, 49.8633**, and if you desaturate by 10%, it is **84.8813, 86.4682, 84.5293**.

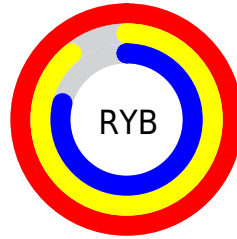
Distribution



Red (100%)

Green (85%)

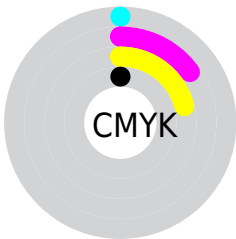
Blue (79%)



Red (100%)

Yellow (89%)

Blue (79%)

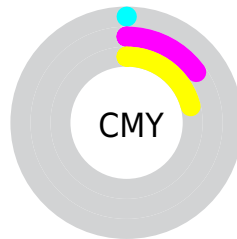


Cyan (0%)

Magenta (15%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.8540, 75.6199, 65.8038 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 76.8540, 75.6199, 65.8038 by changing the saturation by 10% instead.


 76.8540, 75.6199,
65.8038

 76.8540, 75.6199,
65.8038


473.1657,
480.0455, 464.0599

 57.4326, 56.1209,
47.6577


127.9073,
127.1895, 114.8290

 41.5941, 40.2999,
33.1978


160.2699,
160.0288, 146.5452

 28.9733, 27.7724,
22.0057


197.6769,
198.0837, 183.6217

 19.2048, 18.1542,
13.6627

240.4937,
241.7386, 226.4773

 11.9233, 11.0607,
7.7504

289.0856,
291.3778, 275.5303

 6.7633, 6.1077,
3.8502

343.8180,

 3.3595, 2.9107,

347.3858, 331.1994

1.5435

405.0562,
410.1469, 393.9031

■ 1.3466, 1.0853,
0.2500

■ 0.2177, 0.0000,
0.0000

■ 76.8540, 75.6199,
65.8038

■ 76.8540, 75.6199,
65.8038

■ 69.8060, 65.9325,
49.8633

■ 84.8813, 86.4682,
84.5293

■ 63.6924, 57.3566,
36.5688

■ 93.9191, 98.5048,
106.1601

■ 58.4730, 49.8542,
25.7765

■ 95.0500, 100.0000,
108.9000

■ 54.1021, 43.3807,
17.3266

■ 50.5297, 37.8885,
11.0409

■ 47.6997, 33.3257,
6.7149

■ 45.5469, 29.6343,
4.1041

■ 44.1309, 27.0417,
2.8936

Harmonies

Analogous

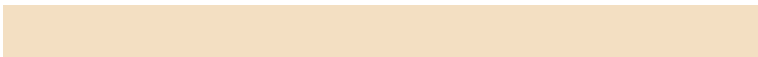
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.4470, 75.6199, 74.1930



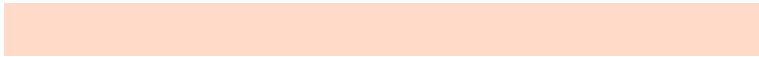
76.8540, 75.6199, 65.8038



72.9920, 75.6199, 61.9300

Triad

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



76.8540, 75.6199, 65.8038



64.3422, 75.6199, 79.1938



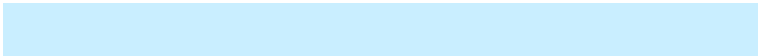
74.8578, 75.6199, 105.1345

Complementary

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



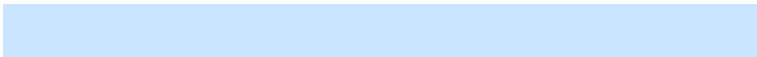
76.8540, 75.6199, 65.8038



72.7110, 80.7841, 106.3683

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.



70.7683, 75.6199, 106.7971



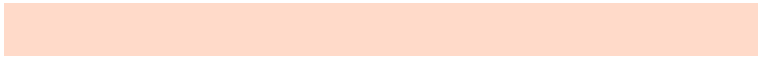
76.8540, 75.6199, 65.8038



64.7991, 75.6199, 91.0566

Square

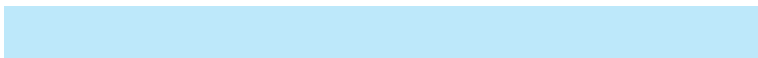
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.8540, 75.6199, 65.8038



65.8423, 75.6199, 69.1657



67.1148, 75.6199, 101.4311



78.2643, 75.6199, 97.0830

Rectangle

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



76.8540, 75.6199, 65.8038



70.2597, 75.6199, 62.1454



67.1148, 75.6199, 101.4311



73.5137, 75.6199, 106.4880

Sweetspot

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



76.8559, 75.6232, 65.8054



89.4305, 92.5471, 95.3545



77.6776, 69.2543, 90.7803



19.0157, 19.6409, 20.1081



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.



76.8559, 75.6232, 65.8054



74.0468, 71.7831, 59.3874



84.1938, 90.2991, 68.2513



18.4761, 18.9204, 18.8225



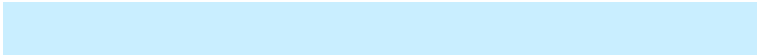
23.1766, 14.3644, 1.5511



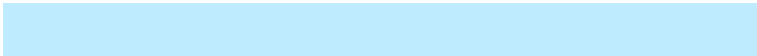
2.3496, 1.5846, 0.1820

Inverse Universe

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



72.7110, 80.7841, 106.3683



69.2855, 77.7022, 105.9540



65.6317, 66.6254, 104.0086



18.0441, 19.4598, 23.0550



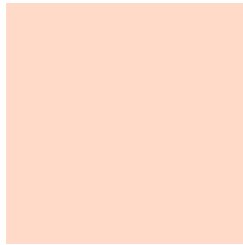
17.5509, 20.0114, 52.3721



1.8069, 2.1445, 5.1320

Previews

White Background



This preview shows how the XYZ color 76.8540, 75.6199, 65.8038 looks on a white background.

Color Contrast Check

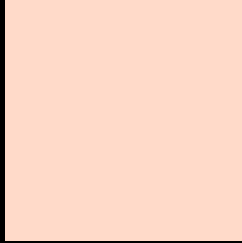
Large Text (above 18pt) WCAG AA × Fail

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 76.8540, 75.6199, 65.8038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

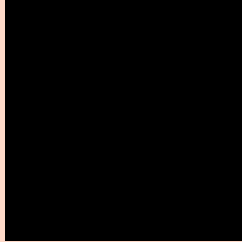
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.8540, 75.6199, 65.8038

Background



This preview shows how black text looks on a background with the XYZ color 76.8540, 75.6199, 65.8038.



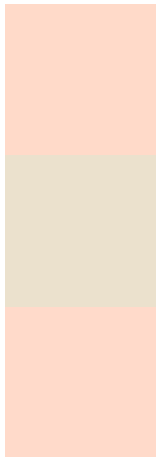
This preview shows how white text looks on a background with the XYZ color 76.8540, 75.6199,

65.8038.

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

76.8540, 75.6199, 65.8038

Protanopia

72.2056, 75.9204, 68.6061

Deuteranopia

76.9721, 75.6671, 66.4255



Tritanopia

79.8234, 75.5740, 85.2430

Trichromacy



Original Color

76.8540, 75.6199, 65.8038

Protanomaly

73.6383, 75.4794, 67.8146

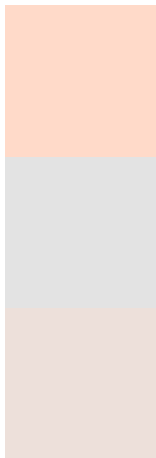
Deuteranomaly

76.9721, 75.6671, 66.4255

Tritanomaly

78.5820, 75.4862, 77.4464

Monochromacy



Original Color

76.8540, 75.6199, 65.8038

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.2356, 76.3778, 77.1594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.8540, 75.6199, 65.8038 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, 218, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 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, 218, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 201) }
```

Border

The CSS property to change the border of an element to XYZ 76.8540, 75.6199, 65.8038 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, 218, 201) }
```


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

```
.border{ border-color:rgb(255, 218, 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, 218, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 76.8540, 75.6199, 65.8038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 201) }
```

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

```
.background{ background-color: rgb(255,  
218, 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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