

Converting Colors

XYZ(78.0669, 76.3865, 64.2828)

Have a look what the booklet for
XYZ(78.0669, 76.3865, 64.2828)
contains.

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Color

**XYZ(76.5044, 75.4800,
63.9630)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDAC6
RGB	255, 218, 198
RGB Percent	100%, 85%, 78%
CMY	0.0000, 0.1451, 0.2235
CMYK	0.00, 0.15, 0.22, 0.00
HSL	21°, 100%, 89%
HSV	21°, 22%, 100%
XYZ	76.5044, 75.4800, 63.9630
YIQ	226.7830, 28.4720, 1.6240

Conversions

Conversions Part 2

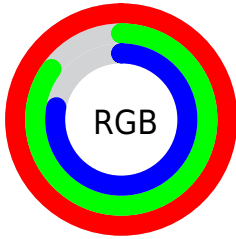
Format	Color
R _Y B	255, 229, 198
Decimal	16767686
CIE Lab	89.62, 9.86, 14.60
CIE LCh	90, 17.615, 55.963
Yxy	75.4800, 0.3543, 0.3495
Android (android.graphics.Color)	4294957766 (0xFFFFDAC6)
YUV	226.7830, -14.1900, 24.7463
Hunter-Lab	86.8792, 5.1455, 17.1644

Details

The XYZ color **76.5044, 75.4800, 63.9630** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.0462, 78.6401, 106.0423**, and the grayscale version is **72.9429, 76.7416, 83.5716**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4199, 40.2138, 31.9645** is the 20% darker color. If you saturate the color by 10%, you get **69.7278, 66.2441, 48.3942**, and if you desaturate by 10%, it is **84.2086, 85.7779, 82.2858**.

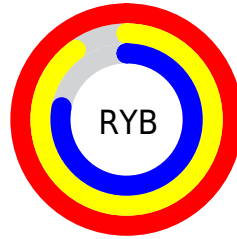
Distribution



Red (100%)

Green (85%)

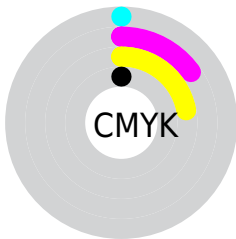
Blue (78%)



Red (100%)

Yellow (90%)

Blue (78%)

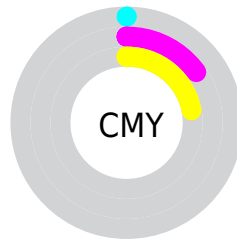


Cyan (0%)

Magenta (15%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.5044, 75.4800, 63.9630 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 76.5044, 75.4800, 63.9630 by changing the saturation by 10% instead.


 76.5044, 75.4800,
63.9630

 76.5044, 75.4800,
63.9630


471.9905,
479.5658, 457.2598

 57.1447, 56.0062,
46.1747


127.4162,
126.9916, 112.1566

 41.3620, 40.2079,
32.0341


159.6991,
159.7982, 143.3990

 28.7910, 27.7007,
21.1225


197.0203,
197.8178, 179.9632

 19.0663, 18.1002,
13.0214

239.7454,
241.4349, 222.2677

 11.8225, 11.0219,
7.3124

288.2396,
291.0339, 270.7311

 6.6942, 6.0816,
3.5768

342.8682,

 3.3162, 2.8947,

346.9991, 325.7719

1.3962

403.9968,
409.7149, 387.8086

■ 1.3231, 1.0770,
0.1387

■ 0.2004, 0.0000,
0.0000

■ 76.5044, 75.4800,
63.9630

■ 76.5044, 75.4800,
63.9630

■ 69.7278, 66.2441,
48.3942

■ 84.2086, 85.7779,
82.2858

■ 63.8358, 58.0251,
35.4399

■ 92.8698, 97.1609,
103.4831

■ 58.7904, 50.7894,
24.9557

■ 95.0500, 100.0000,
108.9000

■ 54.5480, 44.4978,
16.7807

■ 51.0609, 39.1076,
10.7351

■ 48.2754, 34.5728,
6.6116

■ 46.1284, 30.8418,
4.1606

■ 44.8539, 28.4877,
3.1346

Harmonies

Analogous

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



79.4922, 75.4800, 72.1796



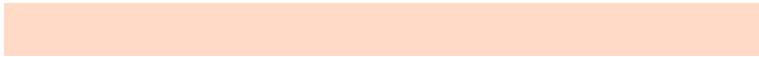
76.5044, 75.4800, 63.9630



72.3294, 75.4800, 60.6160

Triad

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



76.5044, 75.4800, 63.9630



63.7510, 75.4800, 80.5172



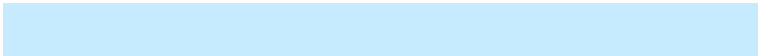
75.4494, 75.4800, 105.5467

Complementary

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



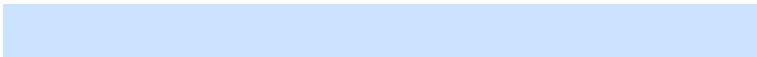
76.5044, 75.4800, 63.9630



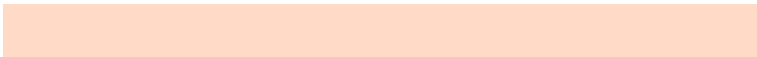
71.0462, 78.6401, 106.0423

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.



71.1568, 75.4800, 108.3451



76.5044, 75.4800, 63.9630



64.5117, 75.4800, 93.0745

Square

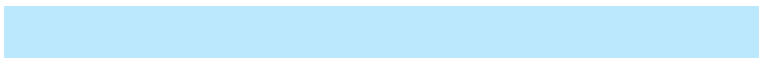
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.5044, 75.4800, 63.9630



65.0594, 75.4800, 69.5452



67.1805, 75.4800, 103.5753



78.8661, 75.4800, 96.2702

Rectangle

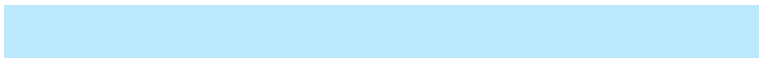
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.5044, 75.4800, 63.9630



69.4755, 75.4800, 61.3211



67.1805, 75.4800, 103.5753



74.0562, 75.4800, 107.3138

Sweetspot

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



76.5063, 75.4834, 63.9646



88.7229, 91.7329, 93.2657



76.4372, 67.6500, 87.6647



18.8784, 19.4875, 19.6887



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.



76.5063, 75.4834, 63.9646



73.2431, 71.0600, 56.3936



84.5261, 91.5231, 66.6379



18.5308, 19.0298, 18.8408



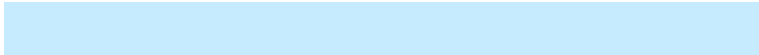
23.5632, 15.1377, 1.6799



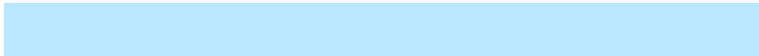
2.3922, 1.6699, 0.1962

Inverse Universe

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



71.0462, 78.6401, 106.0423



66.8662, 74.7379, 105.5094



63.5435, 63.6346, 103.5414



17.9869, 19.3455, 23.0360



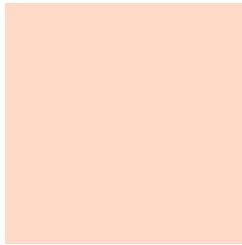
16.6552, 18.2199, 52.0736



1.7243, 1.9793, 5.1044

Previews

White Background



This preview shows how the XYZ color 76.5044, 75.4800, 63.9630 looks on a white background.

Color Contrast Check

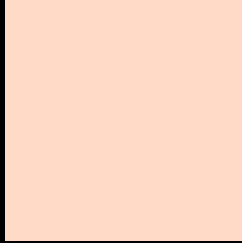
Large Text (above 18pt) WCAG AA × Fail

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 76.5044, 75.4800, 63.9630 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 76.5044, 75.4800, 63.9630

Background



This preview shows how black text looks on a background with the XYZ color 76.5044, 75.4800, 63.9630.



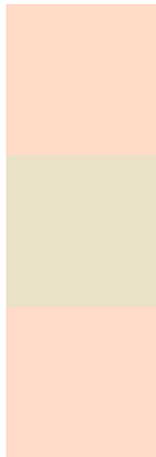
This preview shows how white text looks on a background with the XYZ color 76.5044, 75.4800,

63.9630.

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

76.5044, 75.4800, 63.9630

Protanopia

71.7288, 75.7296, 66.0951

Deuteranopia

76.7367, 75.5729, 65.1862



Tritanopia

79.6833, 75.5180, 84.5054

Trichromacy



Original Color

76.5044, 75.4800, 63.9630

Protanomaly

73.1646, 75.2899, 65.3198

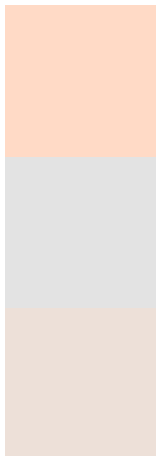
Deuteranomaly

76.6202, 75.5263, 64.5725

Tritanomaly

78.4508, 75.4337, 76.7550

Monochromacy



Original Color

76.5044, 75.4800, 63.9630

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.9754, 76.2737, 75.7891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5044, 75.4800, 63.9630 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, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 198)  
}
```

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, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 198) }
```

Border

The CSS property to change the border of an element to XYZ 76.5044, 75.4800, 63.9630 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, 198) }
```


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

```
.border{ border-color:rgb(255, 218, 198) }
```

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, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 218, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 218, 198); box-shadow:4px 4px 4px 4px rgb(255, 218, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5044, 75.4800, 63.9630 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, 198) }
```

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

```
.background{ background-color: rgb(255,  
218, 198) }
```

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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