

Converting Colors

XYZ(76.4604, 75.5747, 63.3846)

Have a look what the booklet for
XYZ(76.4604, 75.5747, 63.3846)
contains.

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Color

**XYZ(76.3894, 75.4340,
63.3574)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDAC5
RGB	255, 218, 197
RGB Percent	100%, 85%, 77%
CMY	0.0000, 0.1451, 0.2274
CMYK	0.00, 0.15, 0.23, 0.00
HSL	22°, 100%, 89%
HSV	22°, 23%, 100%
XYZ	76.3894, 75.4340, 63.3574
YIQ	226.6690, 28.7930, 1.3130

Conversions

Conversions Part 2

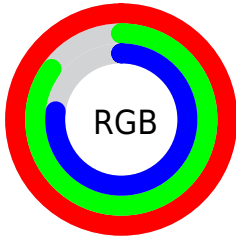
Format	Color
R _Y B	255, 230, 197
Decimal	16767685
CIE Lab	89.60, 9.72, 15.09
CIE LCh	90, 17.949, 57.217
Yxy	75.4340, 0.3550, 0.3506
Android (android.graphics.Color)	4294957765 (0xFFFFDAC5)
YUV	226.6690, -14.6268, 24.8463
Hunter-Lab	86.8527, 5.0034, 17.5460

Details

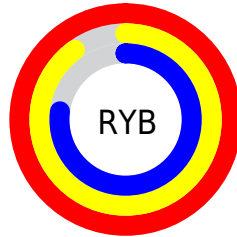
The XYZ color **76.3894, 75.4340, 63.3574** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.4979, 77.9336, 105.9348**, and the grayscale version is **72.8630, 76.6576, 83.4801**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **41.3438, 40.1833, 31.5637** is the 20% darker color. If you saturate the color by 10%, you get **69.6985, 66.3392, 47.9105**, and if you desaturate by 10%, it is **83.9923, 85.5611, 81.5484**.

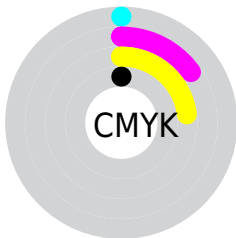
Distribution



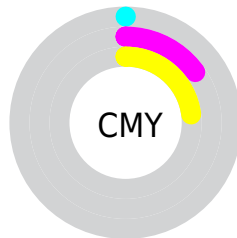
- Red (100%)
- Green (85%)
- Blue (77%)



- Red (100%)
- Yellow (90%)
- Blue (77%)



- Cyan (0%)
- Magenta (15%)
- Yellow (23%)
- Black (0%)





- Cyan (0%)
- Magenta (15%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.3894, 75.4340, 63.3574 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 76.3894, 75.4340, 63.3574 by changing the saturation by 10% instead.


 76.3894, 75.4340,
63.3574

 76.3894, 75.4340,
63.3574


471.6036,
479.4080, 455.0090

 57.0500, 55.9685,
45.6875

127.2546,
126.9265, 111.2755

 41.2857, 40.1777,
31.6524


159.5112,
159.7223, 142.3609

 28.7311, 27.6771,
20.8336


196.8042,
197.7304, 178.7551

 19.0207, 18.0824,
12.8123

239.4991,
241.3351, 220.8768

 11.7893, 11.0092,
7.1702

287.9611,
290.9208, 269.1445

 6.6716, 6.0730,
3.4887

342.5556,

 3.3021, 2.8895,

346.8719, 323.9768

1.3493

403.6480,
409.5728, 385.7921

■ 1.3154, 1.0743,
0.1017

■ 0.1947, 0.0000,
0.0000

■ 76.3894, 75.4340,
63.3574

■ 76.3894, 75.4340,
63.3574

■ 69.6985, 66.3392,
47.9105

■ 83.9923, 85.5611,
81.5484

■ 63.8772, 58.2329,
35.0682

■ 92.5360, 96.7424,
102.6043

■ 58.8880, 51.0829,
24.6856

95.0500, 100.0000,
108.9000

■ 54.6881, 44.8512,
16.6016

■ 51.2303, 39.4968,
10.6357

■ 48.4613, 34.9752,
6.5797

■ 46.3189, 31.2365,
4.1820

■ 45.0976, 28.9751,
3.2159

Harmonies

Analogous

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



79.5086, 75.4340, 71.5178



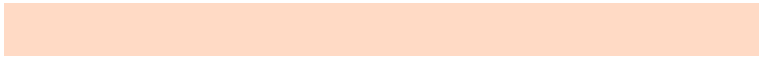
76.3894, 75.4340, 63.3574



72.1105, 75.4340, 60.1817

Triad

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



76.3894, 75.4340, 63.3574



63.5548, 75.4340, 80.9608



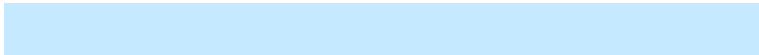
75.6476, 75.4340, 105.6873

Complementary

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



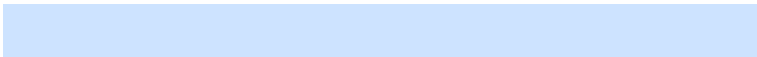
76.3894, 75.4340, 63.3574



70.4979, 77.9336, 105.9348

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.



71.2866, 75.4340, 108.8666



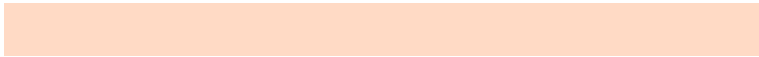
76.3894, 75.4340, 63.3574



64.4160, 75.4340, 93.7537

Square

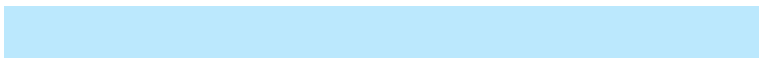
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.3894, 75.4340, 63.3574



64.8003, 75.4340, 69.6708



67.2023, 75.4340, 104.2978



79.0681, 75.4340, 96.0031

Rectangle

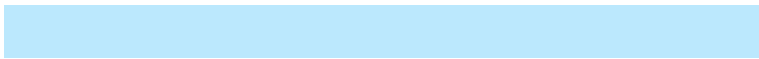
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.3894, 75.4340, 63.3574



69.2163, 75.4340, 61.0472



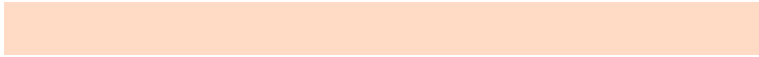
67.2023, 75.4340, 104.2978



74.2378, 75.4340, 107.5928

Sweetspot

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



76.3913, 75.4374, 63.3590



88.7828, 91.8528, 93.2857



76.1588, 67.1741, 87.3226



18.8923, 19.5152, 19.6933



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.



76.3913, 75.4374, 63.3590



73.4342, 71.4421, 56.4573



84.3654, 91.3856, 66.0170



18.5478, 19.0639, 18.8465



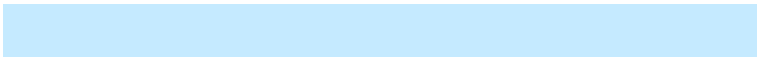
23.6931, 15.3975, 1.7232



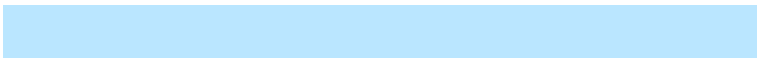
2.4063, 1.6979, 0.2009

Inverse Universe

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



70.4979, 77.9336, 105.9348



66.6512, 74.3079, 105.4377



63.0759, 63.0895, 103.4608



17.9692, 19.3101, 23.0301



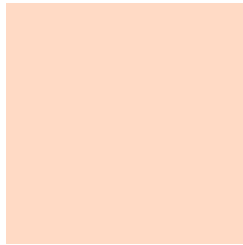
16.3895, 17.6885, 51.9850



1.6996, 1.9300, 5.0962

Previews

White Background



This preview shows how the XYZ color 76.3894, 75.4340, 63.3574 looks on a white background.

Color Contrast Check

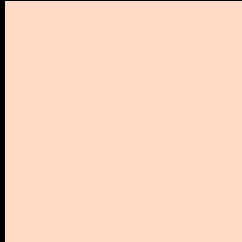
Large Text (above 18pt) WCAG AA × Fail

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 76.3894, 75.4340, 63.3574 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 76.3894, 75.4340, 63.3574

Background



This preview shows how black text looks on a background with the XYZ color 76.3894, 75.4340, 63.3574.



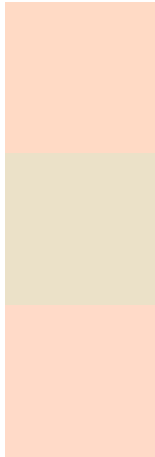
This preview shows how white text looks on a background with the XYZ color 76.3894, 75.4340,

63.3574.

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

76.3894, 75.4340, 63.3574

Protanopia

71.6115, 75.6827, 65.4775

Deuteranopia

76.7367, 75.5729, 65.1862



Tritanopia

79.6833, 75.5180, 84.5054

Trichromacy



Original Color

76.3894, 75.4340, 63.3574

Protanomaly

73.0480, 75.2433, 64.7062

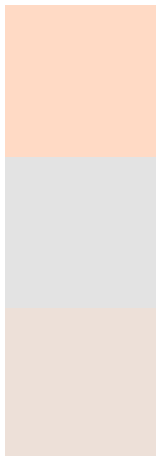
Deuteranomaly

76.6202, 75.5263, 64.5725

Tritanomaly

78.3203, 75.3815, 76.0678

Monochromacy



Original Color

76.3894, 75.4340, 63.3574

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 76.3894, 75.4340, 63.3574 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, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 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, 218, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 197) }
```

Border

The CSS property to change the border of an element to XYZ 76.3894, 75.4340, 63.3574 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, 197) }
```


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

```
.border{ border-color:rgb(255, 218, 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, 218, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 218, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 218, 197); box-shadow:4px 4px 4px 4px rgb(255, 218, 197) }
```

Background

The CSS property to change the background color of an element to XYZ 76.3894, 75.4340, 63.3574 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, 197) }
```

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

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