

# Converting Colors

XYZ(76.5312, 74.6703, 67.9822)

Have a look what the booklet for  
XYZ(76.5312, 74.6703, 67.9822)  
contains.

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# Color

**XYZ(76.4484, 74.5903,  
68.1257)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FED8CD
RGB	254, 216, 205
RGB Percent	100%, 85%, 80%
CMY	0.0039, 0.1529, 0.1961
CMYK	0.00, 0.15, 0.19, 0.00
HSL	13°, 96%, 90%
HSV	13°, 19%, 100%
XYZ	76.4484, 74.5903, 68.1257
YIQ	226.1080, 26.1790, 4.6350

# Conversions

## Conversions Part 2

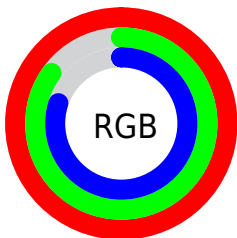
Format	Color
R <sub>Y</sub> B	254, 219, 205
Decimal	16701645
CIE Lab	89.20, 11.54, 10.32
CIE LCh	89, 15.484, 41.804
Yxy	74.5903, 0.3488, 0.3403
Android (android.graphics.Color)	4294891725 (0xFF FED8CD)
YUV	226.1080, -10.4062, 24.4613
Hunter-Lab	86.3657, 6.8631, 13.6877

# Details

The XYZ color **76.4484, 74.5903, 68.1257** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.1163, 84.2342, 106.0665**, and the grayscale version is **72.4282, 76.2001, 82.9819**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3567, 39.5944, 34.7409** is the 20% darker color. If you saturate the color by 10%, you get **68.8811, 63.9701, 51.6845**, and if you desaturate by 10%, it is **85.1224, 86.6260, 87.3931**.

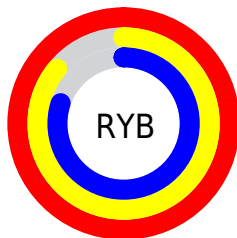
# Distribution



Red (100%)

Green (85%)

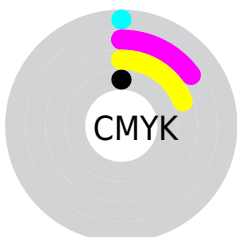
Blue (80%)



Red (100%)

Yellow (86%)

Blue (80%)

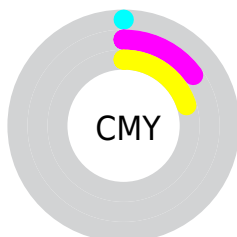


Cyan (0%)

Magenta (15%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (15%)


Yellow (20%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 76.4484, 74.5903, 68.1257 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 76.4484, 74.5903, 68.1257 by changing the saturation by 10% instead.




 76.4484, 74.5903,  
68.1257

 76.4484, 74.5903,  
68.1257


471.8021,  
476.5082, 472.5514

 57.0986, 55.2773,  
49.5327


127.3375,  
125.7322, 118.1879

 41.3249, 39.6238,  
34.6736


159.6076,  
158.3300, 150.4941

 28.7618, 27.2453,  
23.1300


196.9151,  
196.1248, 188.2084

 19.0441, 17.7576,  
14.4834

239.6254,  
239.5010, 231.7495

 11.8063, 10.7761,  
8.3150

288.1039,  
288.8431, 281.5358

 6.6832, 5.9165,  
4.2065

342.7160,

 3.3093, 2.7944,

344.5354, 337.9858

1.7393

403.8269,  
406.9623, 401.5182

■ 1.3194, 1.0253,  
0.3875

■ 0.1977, 0.0000,  
0.0000

■ 76.4484, 74.5903,  
68.1257

■ 76.4484, 74.5903,  
68.1257

■ 68.8811, 63.9701,  
51.6845

■ 85.1224, 86.6260,  
87.3931

■ 62.3691, 54.7031,  
37.9314

94.6834, 99.8110,  
108.8828

■ 56.8659, 46.7373,  
26.7237

■ 52.3192, 40.0133,  
17.9036

■ 48.6715, 34.4670,  
11.2955

■ 45.8588, 30.0284,  
6.6993

■ 43.8076, 26.6193,  
3.8783

■ 42.4186, 24.1457,  
2.4766

■ 42.3387, 24.0016,  
2.4013

# Harmonies

## Analogous

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



78.2449, 74.5903, 77.0351



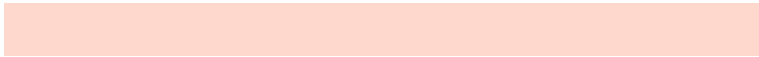
76.4484, 74.5903, 68.1257



73.1879, 74.5903, 63.0162

# Triad

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



76.4484, 74.5903, 68.1257



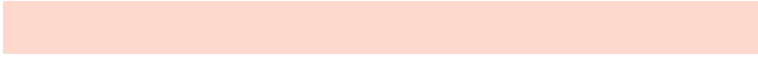
64.2179, 74.5903, 74.8930



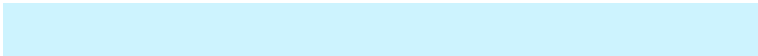
72.3919, 74.5903, 103.3239

# Complementary

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



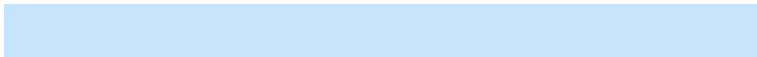
76.4484, 74.5903, 68.1257



75.1163, 84.2342, 106.0665

# 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.



68.6522, 74.5903, 102.6209



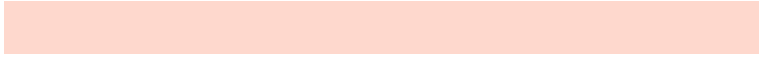
76.4484, 74.5903, 68.1257



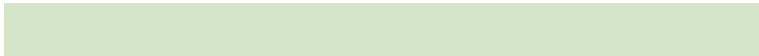
64.0220, 74.5903, 85.5458

# Square

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



76.4484, 74.5903, 68.1257



66.1641, 74.5903, 66.6777



65.6189, 74.5903, 95.8845



75.8479, 74.5903, 97.7278



# Rectangle

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



76.4484, 74.5903, 68.1257



70.6674, 74.5903, 62.1507



65.6189, 74.5903, 95.8845



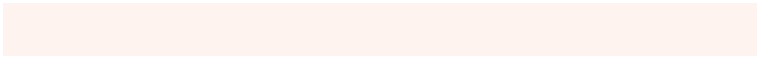
71.1248, 74.5903, 103.8291

# Sweetspot

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



76.4504, 74.5937, 68.1273



89.0150, 91.7161, 95.2160



78.9409, 71.2287, 94.6866



18.9177, 19.4450, 20.0754



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

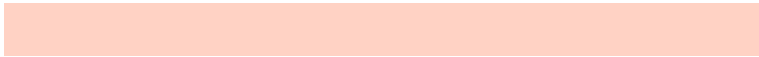


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.4504, 74.5937, 68.1273



74.1724, 71.1189, 62.2517



83.0878, 87.8684, 70.3397



18.3402, 18.6486, 18.7772



22.4109, 12.8330, 1.2958

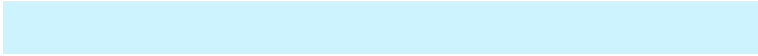


2.2595, 1.4043, 0.1520

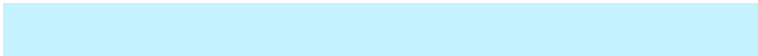


# Inverse Universe

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



75.1163, 84.2342, 106.0665



72.6071, 82.4048, 106.6867



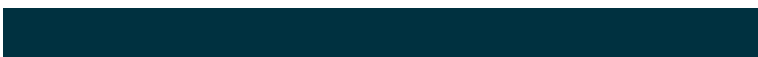
68.3683, 70.7381, 103.8171



18.1885, 19.7487, 23.1032



20.0683, 25.0462, 53.2113

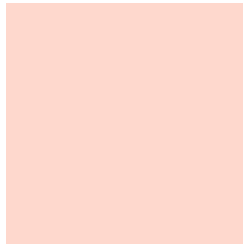


2.0348, 2.6003, 5.2079



# Previews

## White Background



This preview shows how the XYZ color 76.4484, 74.5903, 68.1257 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

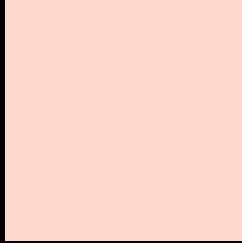
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 76.4484, 74.5903, 68.1257 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 76.4484, 74.5903, 68.1257**

## **Background**



This preview shows how black text looks on a background with the XYZ color 76.4484, 74.5903, 68.1257.



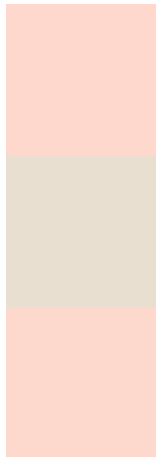
This preview shows how white text looks on a background with the XYZ color 76.4484, 74.5903,



# 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

76.4484, 74.5903, 68.1257

### Protanopia

71.1750, 74.5346, 70.9569

### Deuteranopia

76.0833, 74.4022, 68.1086



## Tritanopia

79.1771, 74.5056, 84.3367

# Trichromacy



## Original Color

76.4484, 74.5903, 68.1257

## Protanomaly

72.9135, 74.2657, 70.1663

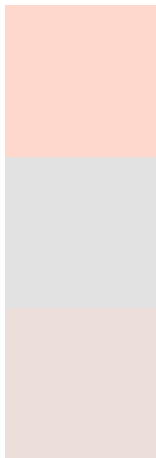
## Deuteranomaly

76.0833, 74.4022, 68.1086

## Tritanomaly

78.2048, 74.5204, 77.9722

# Monochromacy



## Original Color

76.4484, 74.5903, 68.1257

## Achromatopsia

72.2879, 76.0525, 82.8211

## Achromatomaly

73.3682, 75.1374, 76.9657

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 76.4484, 74.5903, 68.1257 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(254, 216, 205) looks like.

```
.text, #text, p{  
    color:rgb(254, 216, 205)  
}
```

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(254, 216, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 216, 205) }
```

## Border

The CSS property to change the border of an element to XYZ 76.4484, 74.5903, 68.1257 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(254, 216, 205) }
```



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

```
.border{ border-color:rgb(254, 216, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 216, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 216, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 216, 205);  
box-shadow:4px 4px 4px 4px rgb(254, 216,  
205) }
```

# Background

The CSS property to change the background color of an element to XYZ 76.4484, 74.5903, 68.1257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 216, 205) }
```

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

```
.background{ background-color: rgb(254,  
216, 205) }
```

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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