

# Converting Colors

XYZ(95.0849, 83.0916, 69.6360)

Have a look what the booklet for  
XYZ(95.0849, 83.0916, 69.6360)  
contains.

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# Color

**XYZ(76.1748, 73.3047,  
68.5269)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FFD5CE
RGB	255, 213, 206
RGB Percent	100%, 84%, 81%
CMY	0.0000, 0.1647, 0.1922
CMYK	0.00, 0.16, 0.19, 0.00
HSL	9°, 100%, 90%
HSV	9°, 19%, 100%
XYZ	76.1748, 73.3047, 68.5269
YIQ	224.7600, 27.2790, 6.7270

# Conversions

## Conversions Part 2

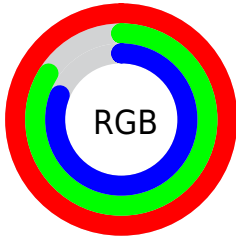
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 214, 206
Decimal	16766414
CIE Lab	88.59, 13.61, 8.94
CIE LCh	89, 16.280, 33.300
Yxy	73.3047, 0.3494, 0.3363
Android (android.graphics.Color)	4294956494 (0xFFFFD5CE)
YUV	224.7600, -9.2487, 26.5205
Hunter-Lab	85.6182, 8.9803, 12.4783

# Details

The XYZ color **76.1748, 73.3047, 68.5269** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.0700, 87.4740, 107.4299**, and the grayscale version is **71.4478, 75.1686, 81.8586**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1831, 38.7265, 35.0101** is the 20% darker color. If you saturate the color by 10%, you get **68.1933, 61.9035, 51.8028**, and if you desaturate by 10%, it is **85.4033, 86.3949, 88.1479**.

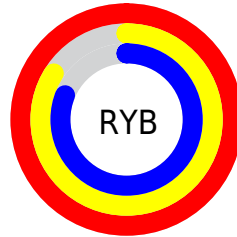
# Distribution



Red (100%)

Green (84%)

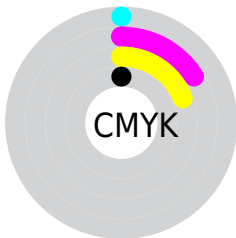
Blue (81%)



Red (100%)

Yellow (84%)

Blue (81%)

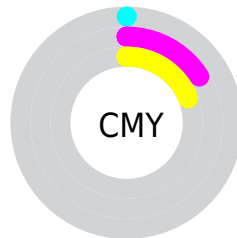


Cyan (0%)

Magenta (16%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (19%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 76.1748, 73.3047, 68.5269 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 76.1748, 73.3047, 68.5269 by changing the saturation by 10% instead.




 76.1748, 73.3047,  
68.5269

 76.1748, 73.3047,  
68.5269


470.8811,  
472.0702, 474.0093

 56.8734, 54.2251,  
49.8571


126.9530,  
123.9097, 118.7669

 41.1434, 38.7817,  
34.9295

159.1605,  
156.2039, 151.1743

 28.6193, 26.5899,  
23.3255


196.4008,  
193.6718, 188.9979

 18.9358, 17.2655,  
14.6265

239.0392,  
236.6977, 232.6564

 11.7277, 10.4240,  
8.4140

287.4411,  
285.6662, 282.5682

 6.6294, 5.6810,  
4.2694

341.9718,

 3.2757, 2.6521,

340.9614, 339.1519

1.7743

402.9967,  
402.9680, 402.8261

■ 1.3012, 0.9529,  
0.4109

■ 0.1841, 0.0000,  
0.0000

■ 76.1748, 73.3047,  
68.5269

■ 76.1748, 73.3047,  
68.5269

■ 68.1933, 61.9035,  
51.8028

■ 85.4033, 86.3949,  
88.1479

■ 61.3998, 52.1131,  
37.8338

95.0500, 100.0000,  
108.9000

■ 55.7385, 43.8636,  
26.4729

■ 51.1470, 37.0760,  
17.5578

■ 47.5567, 31.6642,  
10.9077

■ 44.8908, 27.5333,  
6.3168

■ 43.0608, 24.5757,  
3.5416

■ 41.9495, 22.6614,  
2.2206

■ 41.8847, 22.5494,  
2.1449

# Harmonies

## Analogous

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



77.4842, 73.3047, 78.5785



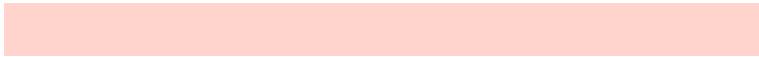
76.1748, 73.3047, 68.5269



73.1206, 73.3047, 62.0204

# Triad

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



76.1748, 73.3047, 68.5269



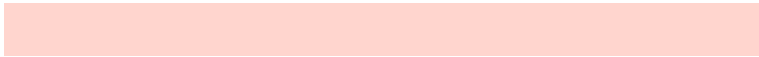
63.1461, 73.3047, 70.4923



70.1093, 73.3047, 103.4005

# Complementary

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



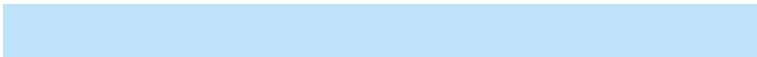
76.1748, 73.3047, 68.5269



77.0700, 87.4740, 107.4299

# 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.



66.3372, 73.3047, 100.7273



76.1748, 73.3047, 68.5269



62.4070, 73.3047, 81.0672

# Square

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



76.1748, 73.3047, 68.5269



65.6116, 73.3047, 63.0780



63.5538, 73.3047, 92.2823



73.9006, 73.3047, 99.2811



# Rectangle

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



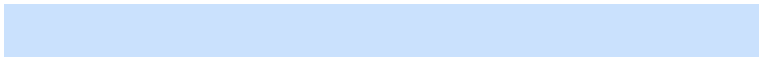
76.1748, 73.3047, 68.5269



70.5583, 73.3047, 60.2148



63.5538, 73.3047, 92.2823



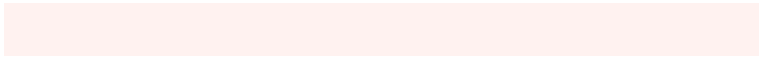
68.7970, 73.3047, 103.2677

# Sweetspot

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



76.1766, 73.3079, 68.5284



88.6422, 90.9706, 95.0917



80.3275, 72.2097, 98.8913



18.8299, 19.2693, 20.0461



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

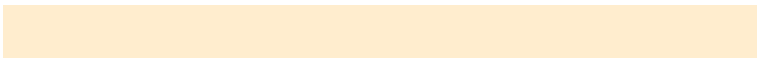
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.1766, 73.3079, 68.5284



73.0115, 68.7971, 61.8647



82.6748, 86.3043, 70.6945



18.2188, 18.4058, 18.7368



21.9486, 11.9084, 1.1417

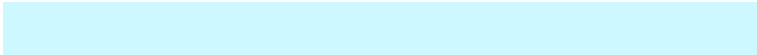


2.1970, 1.2795, 0.1312



# Inverse Universe

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



77.0700, 87.4740, 107.4299



74.0495, 85.2895, 107.1674



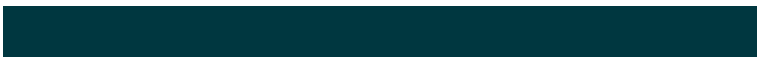
70.1510, 73.6360, 105.1236



18.3205, 20.0126, 23.1472



22.6908, 30.2912, 54.0854



2.2673, 3.0653, 5.2854



# Previews

## White Background



This preview shows how the XYZ color 76.1748, 73.3047, 68.5269 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

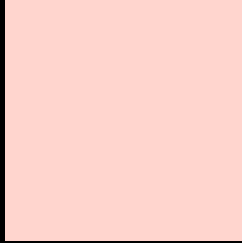
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 76.1748, 73.3047, 68.5269 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

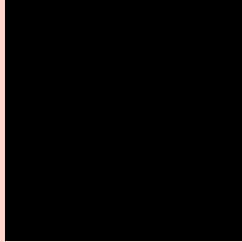
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 76.1748, 73.3047, 68.5269**

## **Background**



This preview shows how black text looks on a background with the XYZ color 76.1748, 73.3047, 68.5269.



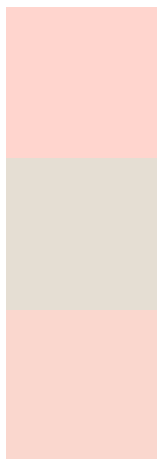
This preview shows how white text looks on a background with the XYZ color 76.1748, 73.3047,



# 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

76.1748, 73.3047, 68.5269

### Protanopia

70.1922, 73.6037, 72.1354

### Deuteranopia

74.8654, 73.3811, 68.6107



## Tritanopia

78.2617, 73.3395, 81.9826

# Trichromacy



## Original Color

76.1748, 73.3047, 68.5269

## Protanomaly

72.1000, 73.4436, 70.6976

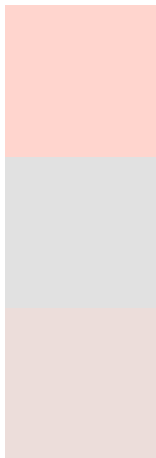
## Deuteranomaly

75.3320, 73.2448, 68.5598

## Tritanomaly

77.5697, 73.4614, 77.1089

# Monochromacy



## Original Color

76.1748, 73.3047, 68.5269

## Achromatopsia

71.5672, 75.2942, 81.9954

## Achromatomaly

73.1034, 74.6077, 76.8774

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 76.1748, 73.3047, 68.5269 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, 213, 206) looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 206)  
}
```

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, 213, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 206) }
```

## Border

The CSS property to change the border of an element to XYZ 76.1748, 73.3047, 68.5269 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, 213, 206) }
```



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

```
.border{ border-color:rgb(255, 213, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 213, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
206) }
```

# Background

The CSS property to change the background color of an element to XYZ 76.1748, 73.3047, 68.5269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 206) }
```

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

```
.background{ background-color: rgb(255,  
213, 206) }
```

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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