

# Converting Colors

XYZ(78.1144, 76.6281, 67.2288)

Have a look what the booklet for  
XYZ(78.1144, 76.6281, 67.2288)  
contains.

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# Color

**XYZ(77.3510, 76.2348,  
67.1379)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFDBC8
RGB	255, 219, 203
RGB Percent	100%, 86%, 80%
CMY	0.0000, 0.1412, 0.2039
CMYK	0.00, 0.14, 0.20, 0.00
HSL	18°, 100%, 90%
HSV	18°, 20%, 100%
XYZ	77.3510, 76.2348, 67.1379
YIQ	227.9400, 26.5920, 2.6560

# Conversions

## Conversions Part 2

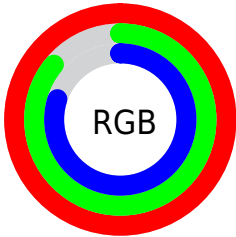
Format	Color
R <sub>Y</sub> B	255, 226, 203
Decimal	16767947
CIE Lab	89.97, 10.06, 12.48
CIE LCh	90, 16.024, 51.127
Yxy	76.2348, 0.3504, 0.3454
Android (android.graphics.Color)	4294958027 (0xFFFFDBC <sub>B</sub> )
YUV	227.9400, -12.2954, 23.7316
Hunter-Lab	87.3125, 5.3379, 15.5285

# Details

The XYZ color **77.3510, 76.2348, 67.1379** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.5443, 81.6471, 106.4910**, and the grayscale version is **73.7740, 77.6159, 84.5238**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.9890, 40.7266, 34.0817** is the 20% darker color. If you saturate the color by 10%, you get **70.1954, 66.3933, 50.9731**, and if you desaturate by 10%, it is **85.4985, 87.2596, 86.1010**.

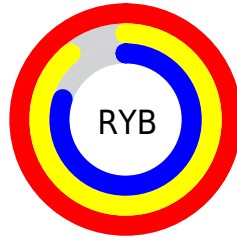
# Distribution



Red (100%)

Green (86%)

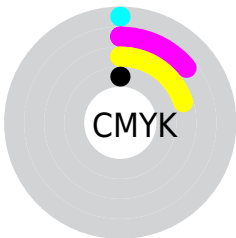
Blue (80%)



Red (100%)

Yellow (89%)

Blue (80%)

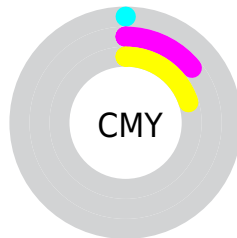


Cyan (0%)

Magenta (14%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (14%)


Yellow (20%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 77.3510, 76.2348, 67.1379 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 77.3510, 76.2348, 67.1379 by changing the saturation by 10% instead.




 77.3510, 76.2348,  
67.1379

 77.3510, 76.2348,  
67.1379


474.8335,  
482.1511, 468.9503

 57.8419, 56.6251,  
48.7344


128.6050,  
128.0588, 116.7605

 41.9243, 40.7043,  
34.0447


161.0807,  
161.0418, 148.8167

 29.2329, 28.0881,  
22.6503


198.6093,  
199.2513, 186.2609

 19.4023, 18.3921,  
14.1327

241.5562,  
243.0718, 229.5116

 12.0670, 11.2318,  
8.0732

290.2867,  
292.8876, 278.9873

 6.8619, 6.2230,  
4.0534

345.1662,

 3.4214, 2.9811,

349.0832, 335.1067

1.6547

406.5600,  
412.0429, 398.2882

■ 1.3803, 1.1219,  
0.3294

■ 0.2422, 0.0000,  
0.0000

■ 77.3510, 76.2348,  
67.1379

■ 77.3510, 76.2348,  
67.1379

■ 70.1954, 66.3933,  
50.9731

■ 85.4985, 87.2596,  
86.1010

■ 63.9866, 57.6849,  
37.4683

94.6696, 99.4958,  
107.9824

■ 58.6840, 50.0707,  
26.4804

95.0500, 100.0000,  
108.9000

■ 54.2419, 43.5053,  
17.8509

■ 50.6099, 37.9402,  
11.4028

■ 47.7318, 33.3224,  
6.9339

■ 45.5427, 29.5931,  
4.2034

■ 43.9990, 26.7781,  
2.8497

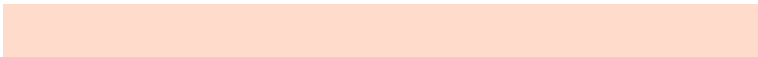
# Harmonies

## Analogous

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



79.8075, 76.2348, 75.3809



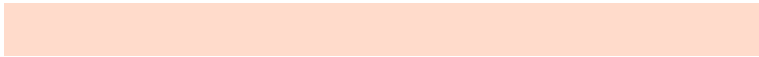
77.3510, 76.2348, 67.1379



73.6415, 76.2348, 63.2439

# Triad

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



77.3510, 76.2348, 67.1379



65.1824, 76.2348, 79.6835



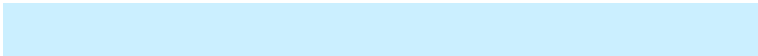
75.2425, 76.2348, 105.0908

# Complementary

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



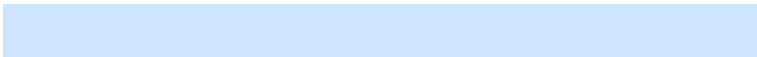
77.3510, 76.2348, 67.1379



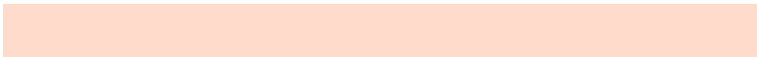
73.5443, 81.6471, 106.4910

# 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.



71.2890, 76.2348, 106.5094



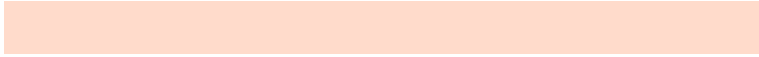
77.3510, 76.2348, 67.1379



65.5758, 76.2348, 91.1303

# Square

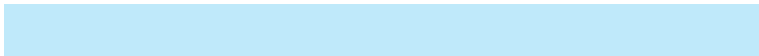
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.3510, 76.2348, 67.1379



66.6825, 76.2348, 70.0407



67.7775, 76.2348, 101.1976



78.5596, 76.2348, 97.4817

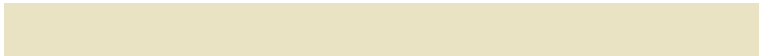


# Rectangle

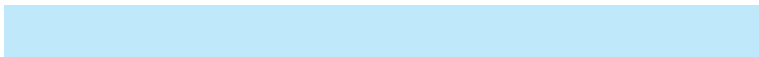
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.3510, 76.2348, 67.1379



70.9971, 76.2348, 63.3685



67.7775, 76.2348, 101.1976



73.9406, 76.2348, 106.3332

# Sweetspot

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



77.3528, 76.2381, 67.1395



89.3976, 92.4813, 95.3435



78.2356, 70.2284, 91.4039



19.0079, 19.6254, 20.1055



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.



77.3528, 76.2381, 67.1395



74.6581, 72.5520, 60.9903



84.5513, 90.6351, 69.5390



18.4653, 18.8988, 18.8189



23.1058, 14.2228, 1.5275

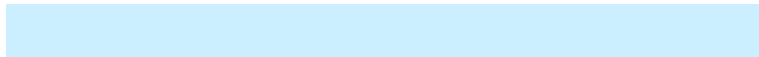


2.3417, 1.5687, 0.1794

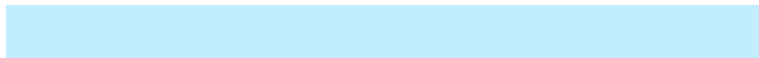


# Inverse Universe

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



73.5443, 81.6471, 106.4910



70.2893, 78.7479, 106.1030



66.5744, 67.7074, 104.1677



18.0554, 19.4825, 23.0588



17.7352, 20.3799, 52.4336

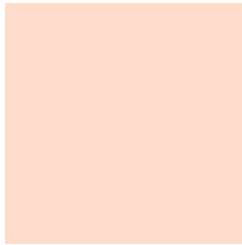


1.8238, 2.1783, 5.1376



# Previews

## White Background



This preview shows how the XYZ color 77.3510, 76.2348, 67.1379 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 77.3510, 76.2348, 67.1379 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

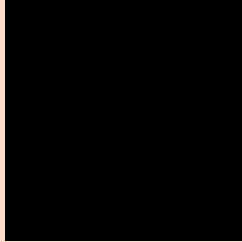
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 77.3510, 76.2348, 67.1379**

## **Background**



This preview shows how black text looks on a background with the XYZ color 77.3510, 76.2348, 67.1379.



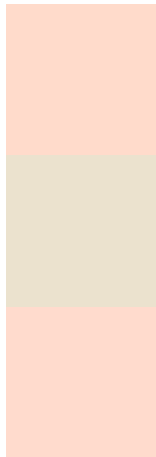
This preview shows how white text looks on a background with the XYZ color 77.3510, 76.2348,

67.1379.

# 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

77.3510, 76.2348, 67.1379

### Protanopia

72.5979, 76.5111, 69.3343

### Deuteranopia

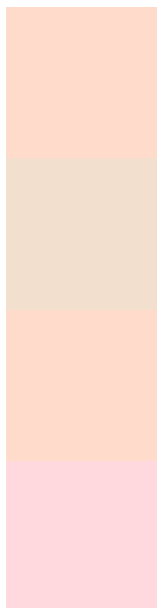
77.5910, 76.3308, 68.4014



## Tritanopia

80.2197, 76.1413, 86.0700

# Trichromacy



## Original Color

77.3510, 76.2348, 67.1379

## Protanomaly

74.0251, 76.0604, 68.5372

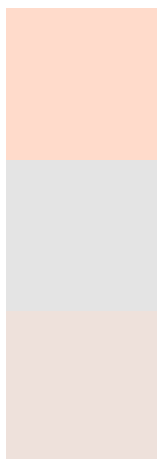
## Deuteranomaly

77.4706, 76.2827, 67.7676

## Tritanomaly

79.1040, 76.1062, 78.9273

# Monochromacy



## Original Color

77.3510, 76.2348, 67.1379

## Achromatopsia

73.7419, 77.5822, 84.4870

## Achromatomaly

74.9713, 77.1420, 77.9563

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 77.3510, 76.2348, 67.1379 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, 219, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 203)  
}
```

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, 219, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 203) }
```

## Border

The CSS property to change the border of an element to XYZ 77.3510, 76.2348, 67.1379 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, 219, 203) }
```



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

```
.border{ border-color:rgb(255, 219, 203) }
```

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

Here you see how a box with a 4 pixel rgb(255, 219, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
203) }
```

# Background

The CSS property to change the background color of an element to XYZ 77.3510, 76.2348, 67.1379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 203) }
```

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

```
.background{ background-color: rgb(255,  
219, 203) }
```

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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