

Converting Colors

XYZ(83.3291, 79.2582, 68.6388)

Have a look what the booklet for
XYZ(83.3291, 79.2582, 68.6388)
contains.

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Color

**XYZ(77.5910, 76.3308,
68.4014)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDBCD
RGB	255, 219, 205
RGB Percent	100%, 86%, 80%
CMY	0.0000, 0.1412, 0.1961
CMYK	0.00, 0.14, 0.20, 0.00
HSL	17°, 100%, 90%
HSV	17°, 20%, 100%
XYZ	77.5910, 76.3308, 68.4014
YIQ	228.1680, 25.9500, 3.2780

Conversions

Conversions Part 2

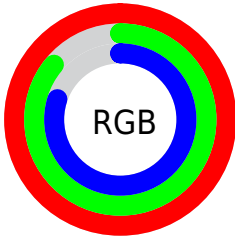
Format	Color
R _Y B	255, 224, 205
Decimal	16767949
CIE Lab	90.01, 10.35, 11.49
CIE LCh	90, 15.463, 47.998
Yxy	76.3308, 0.3490, 0.3433
Android (android.graphics.Color)	4294958029 (0xFFFFDBCD)
YUV	228.1680, -11.4218, 23.5317
Hunter-Lab	87.3675, 5.6326, 14.7382

Details

The XYZ color **77.5910, 76.3308, 68.4014** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.6812, 83.1073, 106.7129**, and the grayscale version is **73.9349, 77.7853, 84.7082**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.1501, 40.7911, 34.9301** is the 20% darker color. If you saturate the color by 10%, you get **70.2324, 66.1447, 51.9798**, and if you desaturate by 10%, it is **85.9831, 87.7805, 87.6443**.

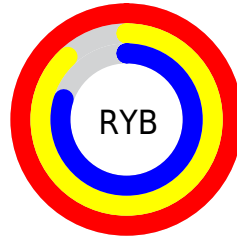
Distribution



Red (100%)

Green (86%)

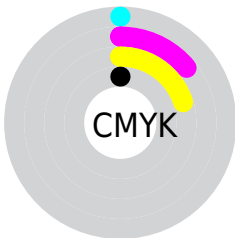
Blue (80%)



Red (100%)

Yellow (88%)

Blue (80%)

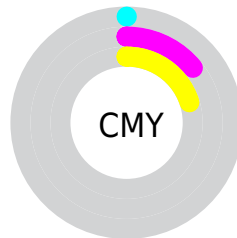


Cyan (0%)

Magenta (14%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.5910, 76.3308, 68.4014 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 77.5910, 76.3308, 68.4014 by changing the saturation by 10% instead.


 77.5910, 76.3308,
68.4014

 77.5910, 76.3308,
68.4014


475.6378,
482.4793, 473.5535

 58.0397, 56.7038,
49.7556


128.9418,
128.1944, 118.5858

 42.0839, 40.7675,
34.8495


161.4720,
161.1998, 150.9616

 29.3584, 28.1374,
23.2643


199.0592,
199.4334, 188.7511

 19.4978, 18.4293,
14.5817


242.0688,
243.2797, 232.3728

 12.1366, 11.2586,
8.3830

290.8661,
293.1231, 282.2454

 6.9097, 6.2411,
4.2497

345.8164,

 3.4515, 2.9922,

349.3479, 338.7874

1.7633

407.2852,
412.3385, 402.4172

■ 1.3968, 1.1277,
0.4036

■ 0.2539, 0.0014,
0.0000

■ 77.5910, 76.3308,
68.4014

■ 77.5910, 76.3308,
68.4014

■ 70.2324, 66.1447,
51.9798

■ 85.9831, 87.7805,
87.6443

■ 63.8605, 57.1685,
38.2413

95.0500, 100.0000,
108.9000

■ 58.4330, 49.3590,
27.0431

■ 53.9020, 42.6667,
18.2269

■ 50.2150, 37.0383,
11.6169

■ 47.3137, 32.4157,
7.0121

■ 45.1309, 28.7345,
4.1746

■ 43.5723, 25.9159,
2.7345

■ 43.5204, 25.8208,
2.6901

Harmonies

Analogous

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



79.7827, 76.3308, 76.7628



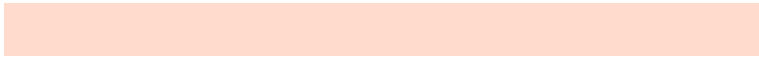
77.5910, 76.3308, 68.4014



74.0925, 76.3308, 64.1395

Triad

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



77.5910, 76.3308, 68.4014



65.5819, 76.3308, 78.8017



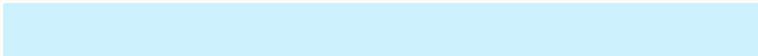
74.8497, 76.3308, 104.8296

Complementary

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



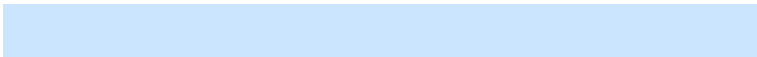
77.5910, 76.3308, 68.4014



74.6812, 83.1073, 106.7129

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.



71.0293, 76.3308, 105.4975



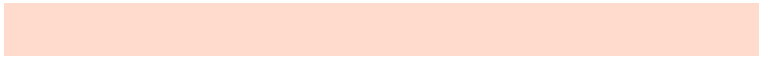
77.5910, 76.3308, 68.4014



65.7684, 76.3308, 89.8004

Square

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



77.5910, 76.3308, 68.4014



67.2135, 76.3308, 69.7806



67.7325, 76.3308, 99.7919



78.1620, 76.3308, 98.0400

Rectangle

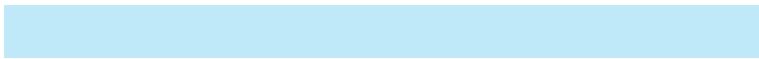
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.5910, 76.3308, 68.4014



71.5302, 76.3308, 63.9244



67.7325, 76.3308, 99.7919



73.5797, 76.3308, 105.7979

Sweetspot

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



77.5928, 76.3341, 68.4030



89.2700, 92.2261, 95.3010



79.0487, 71.3142, 93.3412



18.9778, 19.5652, 20.0955



0.0000, 0.0000, 0.0000



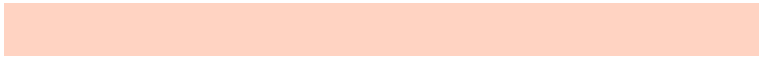
20.3446, 21.4041, 23.3091

Same Dimension

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



77.5928, 76.3341, 68.4030



74.2350, 71.7058, 60.8492



84.4102, 89.9690, 70.6755



18.4235, 18.8152, 18.8050



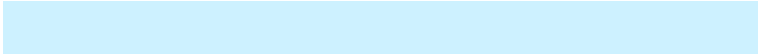
22.8480, 13.7072, 1.4415



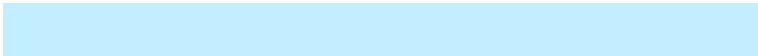
2.3121, 1.5096, 0.1695

Inverse Universe

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



74.6812, 83.1073, 106.7129



70.7800, 79.7292, 106.2665



67.9546, 69.6540, 104.4707



18.0996, 19.5707, 23.0735



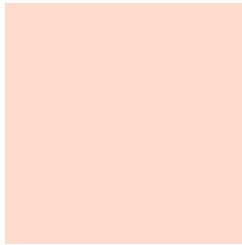
18.4743, 21.8581, 52.6799



1.8912, 2.3130, 5.1601

Previews

White Background



This preview shows how the XYZ color 77.5910, 76.3308, 68.4014 looks on a white background.

Color Contrast Check

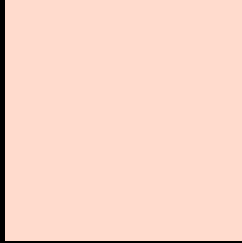
Large Text (above 18pt) WCAG AA × Fail

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 77.5910, 76.3308, 68.4014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

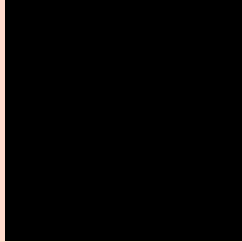
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

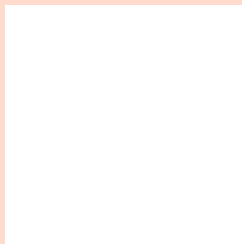
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.5910, 76.3308, 68.4014

Background



This preview shows how black text looks on a background with the XYZ color 77.5910, 76.3308, 68.4014.

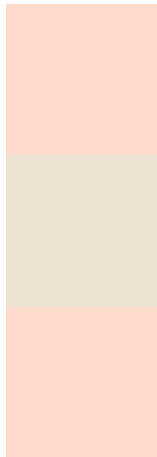


This preview shows how white text looks on a background with the XYZ color 77.5910, 76.3308,

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

77.5910, 76.3308, 68.4014

Protanopia

72.9659, 76.6583, 71.2724

Deuteranopia

77.7121, 76.3793, 69.0393



Tritanopia

80.2197, 76.1413, 86.0700

Trichromacy



Original Color

77.5910, 76.3308, 68.4014

Protanomaly

74.3908, 76.2067, 70.4630

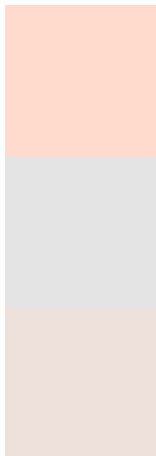
Deuteranomaly

77.7121, 76.3793, 69.0393

Tritanomaly

79.2377, 76.1596, 79.6312

Monochromacy



Original Color

77.5910, 76.3308, 68.4014

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

75.1034, 77.1949, 78.6519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.5910, 76.3308, 68.4014 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 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(255, 219, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 205) }
```

Border

The CSS property to change the border of an element to XYZ 77.5910, 76.3308, 68.4014 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, 205) }
```


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

```
.border{ border-color:rgb(255, 219, 205) }
```

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, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 77.5910, 76.3308, 68.4014 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, 205) }
```

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

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