

Converting Colors

XYZ(76.5842, 74.8048, 68.8366)

Have a look what the booklet for
XYZ(76.5842, 74.8048, 68.8366)
contains.

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Color

**XYZ(76.5695, 74.6388,
68.7636)**

Conversions

Conversions Part 1

Format	Color
Hex	FED8CE
RGB	254, 216, 206
RGB Percent	100%, 85%, 81%
CMY	0.0039, 0.1529, 0.1922
CMYK	0.00, 0.15, 0.19, 0.00
HSL	13°, 96%, 90%
HSV	13°, 19%, 100%
XYZ	76.5695, 74.6388, 68.7636
YIQ	226.2220, 25.8580, 4.9460

Conversions

Conversions Part 2

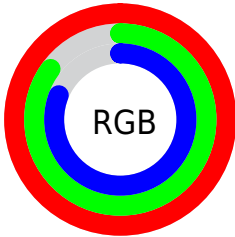
Format	Color
R_{YB}	254, 219, 206
Decimal	16701646
CIE _{Lab}	89.22, 11.69, 9.83
CIE _{LCh}	89, 15.272, 40.058
Yxy	74.6388, 0.3481, 0.3393
Android (android.graphics.Color)	4294891726 (0xFF FED8CE)
YUV	226.2220, -9.9694, 24.3613
Hunter-Lab	86.3937, 7.0128, 13.2848

Details

The XYZ color **76.5695, 74.6388, 68.7636** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.6931, 84.9769, 106.1792**, and the grayscale version is **72.5078, 76.2839, 83.0731**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4383, 39.6271, 35.1705** is the 20% darker color. If you saturate the color by 10%, you get **68.8904, 63.8257, 52.1907**, and if you desaturate by 10%, it is **85.3816, 86.9187, 88.1760**.

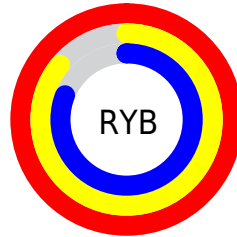
Distribution



Red (100%)

Green (85%)

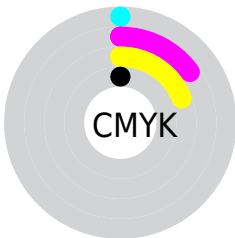
Blue (81%)



Red (100%)

Yellow (86%)

Blue (81%)

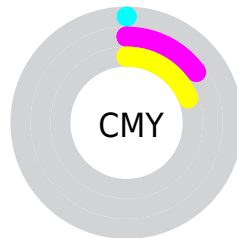


Cyan (0%)

Magenta (15%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.5695, 74.6388, 68.7636 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 76.5695, 74.6388, 68.7636 by changing the saturation by 10% instead.


 76.5695, 74.6388,
68.7636

 76.5695, 74.6388,
68.7636


472.2094,
476.6752, 474.8681

 57.1983, 55.3170,
50.0486


127.5077,
125.8009, 119.1084

 41.4052, 39.6556,
35.0806


159.8054,
158.4101, 151.5753

 28.8249, 27.2701,
23.4409


197.1426,
196.2172, 189.4633

 19.0920, 17.7762,
14.7111

239.8848,
239.6066, 233.1909

 11.8412, 10.7894,
8.4725

288.3972,
288.9627, 283.1766

 6.7071, 5.9254,
4.3067

343.0452,

 3.3243, 2.7998,

344.6699, 339.8390

1.7950

404.1941,
407.1126, 403.5967

■ 1.3275, 1.0281,
0.4247

■ 0.2036, 0.0000,
0.0000

■ 76.5695, 74.6388,
68.7636

■ 76.5695, 74.6388,
68.7636

■ 68.8904, 63.8257,
52.1907

■ 85.3816, 86.9187,
88.1760

■ 62.2917, 54.4144,
38.3190

94.6833, 99.8110,
108.8828

■ 56.7255, 46.3499,
27.0059

■ 52.1379, 39.5696,
18.0936

■ 48.4699, 34.0060,
11.4065

■ 45.6555, 29.5850,
6.7453

■ 43.6194, 26.2240,
3.8740

■ 42.2624, 23.8246,
2.4516

■ 42.1438, 23.6119,
2.3363

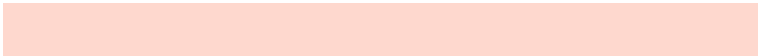
Harmonies

Analogous

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



78.2345, 74.6388, 77.7373



76.5695, 74.6388, 68.7636



73.4143, 74.6388, 63.4626

Triad

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



76.5695, 74.6388, 68.7636



64.4165, 74.6388, 74.4680



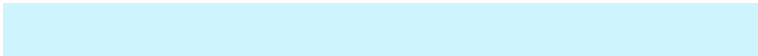
72.2008, 74.6388, 103.1982

Complementary

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



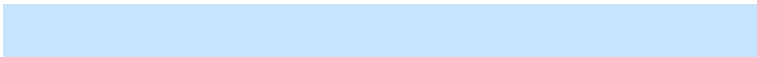
76.5695, 74.6388, 68.7636



75.6931, 84.9769, 106.1792

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.



68.5257, 74.6388, 102.1286



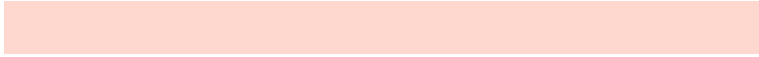
76.5695, 74.6388, 68.7636



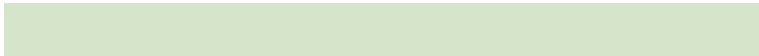
64.1172, 74.6388, 84.9061

Square

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



76.5695, 74.6388, 68.7636



66.4293, 74.6388, 66.5508



65.5971, 74.6388, 95.2054



75.6544, 74.6388, 98.0114

Rectangle

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



76.5695, 74.6388, 68.7636



70.9347, 74.6388, 62.4247



65.5971, 74.6388, 95.2054



70.9491, 74.6388, 103.5685

Sweetspot

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



76.5715, 74.6422, 68.7652



88.9410, 91.5682, 95.1913



79.3351, 71.7704, 95.5791



18.9003, 19.4101, 20.0696



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

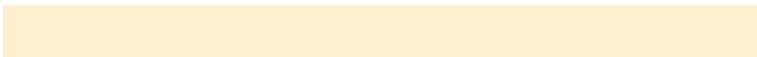
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.5715, 74.6422, 68.7652



73.9399, 70.6539, 62.1742



83.0568, 87.6128, 70.9269



18.3161, 18.6003, 18.7692



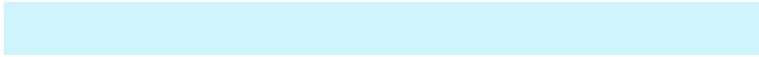
22.3030, 12.6172, 1.2599



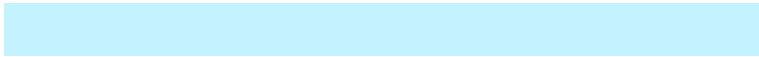
2.2458, 1.3769, 0.1474

Inverse Universe

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



75.6931, 84.9769, 106.1792



72.8895, 82.9696, 106.7808



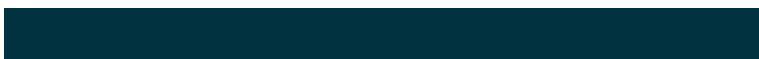
69.0422, 71.6752, 103.9623



18.2145, 19.8007, 23.1119



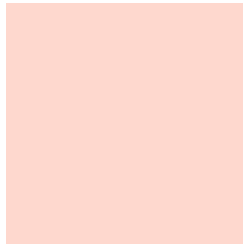
20.5605, 26.0307, 53.3754



2.0788, 2.6883, 5.2226

Previews

White Background



This preview shows how the XYZ color 76.5695, 74.6388, 68.7636 looks on a white background.

Color Contrast Check

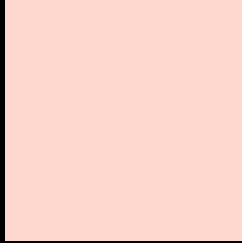
Large Text (above 18pt) WCAG AA × Fail

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 76.5695, 74.6388, 68.7636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

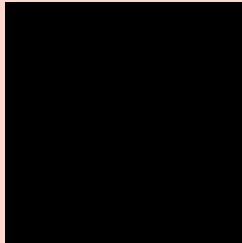
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.5695, 74.6388, 68.7636

Background



This preview shows how black text looks on a background with the XYZ color 76.5695, 74.6388, 68.7636.



This preview shows how white text looks on a background with the XYZ color 76.5695, 74.6388,

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

76.5695, 74.6388, 68.7636

Protanopia

71.5672, 75.1203, 71.7004

Deuteranopia

76.2045, 74.4506, 68.7465



Tritanopia

79.1771, 74.5056, 84.3367

Trichromacy



Original Color

76.5695, 74.6388, 68.7636

Protanomaly

73.3003, 74.8416, 70.9041

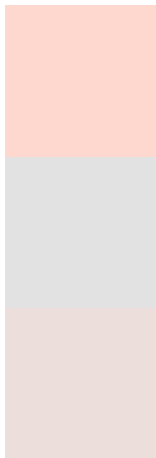
Deuteranomaly

76.2045, 74.4506, 68.7465

Tritanomaly

78.3377, 74.5736, 78.6719

Monochromacy



Original Color

76.5695, 74.6388, 68.7636

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.4995, 75.1899, 77.6571

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5695, 74.6388, 68.7636 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(254, 216, 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(254, 216, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 216, 206) }
```

Border

The CSS property to change the border of an element to XYZ 76.5695, 74.6388, 68.7636 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, 206) }
```


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

```
.border{ border-color:rgb(254, 216, 206) }
```

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, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 216, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 216, 206);  
box-shadow:4px 4px 4px 4px rgb(254, 216,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5695, 74.6388, 68.7636 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, 206) }
```

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

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