

Converting Colors

XYZ(75.8407, 73.1775, 68.5084)

Have a look what the booklet for
XYZ(75.8407, 73.1775, 68.5084)
contains.

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Color

**XYZ(75.8079, 73.1156,
68.5097)**

Conversions

Conversions Part 1

Format	Color
Hex	FED5CE
RGB	254, 213, 206
RGB Percent	100%, 84%, 81%
CMY	0.0039, 0.1647, 0.1922
CMYK	0.00, 0.16, 0.19, 0.00
HSL	9°, 96%, 90%
HSV	9°, 19%, 100%
XYZ	75.8079, 73.1156, 68.5097
YIQ	224.4610, 26.6830, 6.5150

Conversions

Conversions Part 2

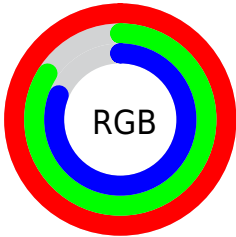
Format	Color
RYB	254, 214, 206
Decimal	16700878
CIELab	88.50, 13.25, 8.80
CIELCh	89, 15.903, 33.586
Yxy	73.1156, 0.3486, 0.3363
Android (android.graphics.Color)	4294890958 (0xFF FED5CE)
YUV	224.4610, -9.1013, 25.9057
Hunter-Lab	85.5077, 8.6130, 12.3515

Details

The XYZ color **75.8079, 73.1156, 68.5097** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.6031, 86.7969, 106.4826**, and the grayscale version is **71.2328, 74.9424, 81.6123**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9203, 38.5910, 34.9978** is the 20% darker color. If you saturate the color by 10%, you get **67.8721, 61.7891, 51.8512**, and if you desaturate by 10%, it is **84.9763, 86.1080, 88.0408**.

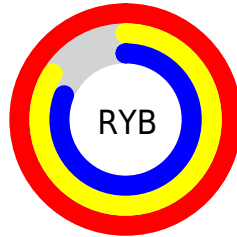
Distribution



Red (100%)

Green (84%)

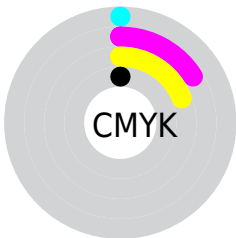
Blue (81%)



Red (100%)

Yellow (84%)

Blue (81%)

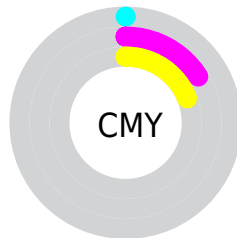


Cyan (0%)

Magenta (16%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.8079, 73.1156, 68.5097 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 75.8079, 73.1156, 68.5097 by changing the saturation by 10% instead.

 75.8079, 73.1156,
68.5097

 75.8079, 73.1156,
68.5097

469.6444,
471.4154, 473.9468

 56.5715, 54.0705,
49.8432


126.4371,
123.6413, 118.7421

 40.9001, 38.6580,
34.9185


158.5607,
155.8907, 151.1451

 28.4284, 26.4938,
23.3171


195.7106,
193.3103, 188.9641

 18.7909, 17.1934,
14.6203

238.2524,
236.2845, 232.6175

 11.6224, 10.3725,
8.4097

286.5513,
285.1977, 282.5240

 6.5575, 5.6466,
4.2667

340.9727,

 3.2308, 2.6314,

340.4343, 339.1020

1.7728

401.8819,
402.3788, 402.7701

■ 1.2769, 0.9425,
0.4099

■ 0.1659, 0.0000,
0.0000

■ 75.8079, 73.1156,
68.5097

■ 75.8079, 73.1156,
68.5097

■ 67.8721, 61.7891,
51.8512

■ 84.9763, 86.1080,
88.0408

■ 61.1101, 52.0513,
37.9251

94.6833, 99.8110,
108.8828

■ 55.4676, 43.8340,
26.5866

■ 50.8831, 37.0600,
17.6753

■ 47.2894, 31.6451,
11.0130

■ 44.6113, 27.4966,
6.3972

■ 42.7622, 24.5096,
3.5883

■ 41.6294, 22.5585,
2.2405

■ 41.5370, 22.3983,
2.1341

Harmonies

Analogous

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



77.1020, 73.1156, 78.2994



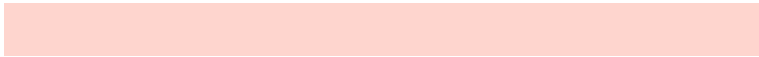
75.8079, 73.1156, 68.5097



72.8202, 73.1156, 62.1846

Triad

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



75.8079, 73.1156, 68.5097



63.1085, 73.1156, 70.5964



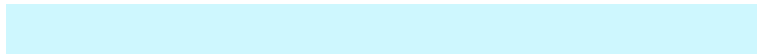
69.9555, 73.1156, 102.5563

Complementary

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



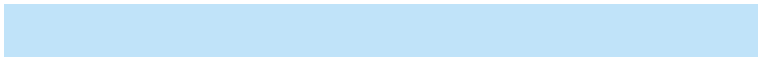
75.8079, 73.1156, 68.5097



76.6031, 86.7969, 106.4826

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.



66.2710, 73.1156, 100.0209



75.8079, 73.1156, 68.5097



62.4040, 73.1156, 80.9361

Square

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



75.8079, 73.1156, 68.5097



65.5016, 73.1156, 63.3095



63.5411, 73.1156, 91.8499



73.6458, 73.1156, 98.4937

Rectangle

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



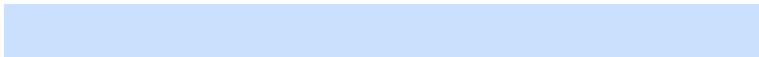
75.8079, 73.1156, 68.5097



70.3197, 73.1156, 60.4465



63.5411, 73.1156, 91.8499



68.6751, 73.1156, 102.4490

Sweetspot

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



75.8099, 73.1189, 68.5112



88.6558, 90.9977, 95.0963



79.8264, 71.9669, 98.1663



18.8331, 19.2757, 20.0472



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

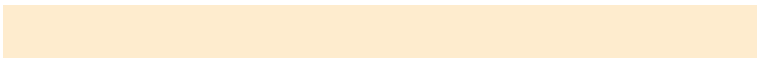
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.8099, 73.1189, 68.5112



73.0533, 68.8806, 61.8786



82.1251, 85.7494, 70.6163



18.2232, 18.4146, 18.7382



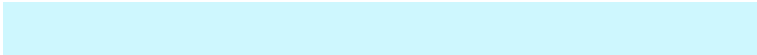
21.9619, 11.9351, 1.1462



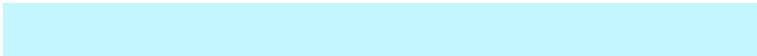
2.1991, 1.2836, 0.1319

Inverse Universe

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



76.6031, 86.7969, 106.4826



73.9962, 85.1829, 107.1497



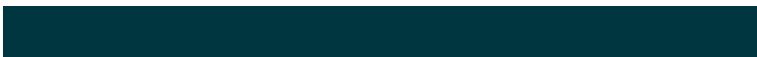
69.8921, 73.3750, 104.2456



18.3157, 20.0029, 23.1456



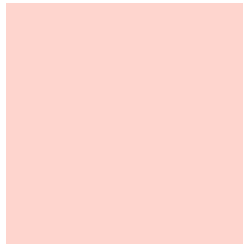
22.5892, 30.0879, 54.0516



2.2584, 3.0474, 5.2825

Previews

White Background



This preview shows how the XYZ color 75.8079, 73.1156, 68.5097 looks on a white background.

Color Contrast Check

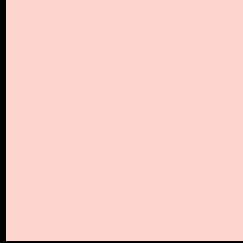
Large Text (above 18pt) WCAG AA × Fail

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 75.8079, 73.1156, 68.5097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

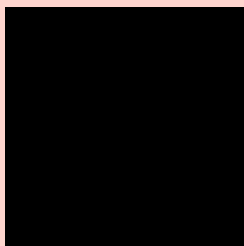
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.8079, 73.1156, 68.5097

Background



This preview shows how black text looks on a background with the XYZ color 75.8079, 73.1156, 68.5097.

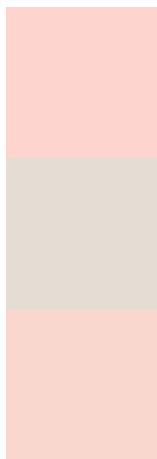


This preview shows how white text looks on a background with the XYZ color 75.8079, 73.1156,

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

75.8079, 73.1156, 68.5097

Protanopia

69.9274, 73.0741, 72.0472

Deuteranopia

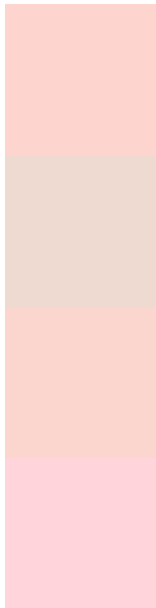
74.8654, 73.3811, 68.6107



Tritanopia

78.2617, 73.3395, 81.9826

Trichromacy



Original Color

75.8079, 73.1156, 68.5097

Protanomaly

71.8399, 72.9234, 70.6109

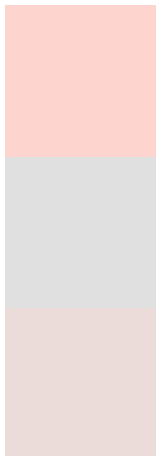
Deuteranomaly

74.9708, 73.0586, 68.5429

Tritanomaly

77.5697, 73.4614, 77.1089

Monochromacy



Original Color

75.8079, 73.1156, 68.5097

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.3785, 73.8583, 76.0870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.8079, 73.1156, 68.5097 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, 213, 206)` looks like.

```
.text, #text, p{  
    color:rgb(254, 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(254, 213, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 213, 206) }
```

Border

The CSS property to change the border of an element to XYZ 75.8079, 73.1156, 68.5097 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, 213, 206) }
```


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

```
.border{ border-color:rgb(254, 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(254, 213, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 213, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 213, 206);  
box-shadow:4px 4px 4px 4px rgb(254, 213,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 75.8079, 73.1156, 68.5097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 213, 206) }
```

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

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