

Converting Colors

XYZ(78.2929, 75.7999, 64.0956)

Have a look what the booklet for
XYZ(78.2929, 75.7999, 64.0956)
contains.

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Color

**XYZ(75.9889, 74.4490,
63.7911)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD8C6
RGB	255, 216, 198
RGB Percent	100%, 85%, 78%
CMY	0.0000, 0.1529, 0.2235
CMYK	0.00, 0.15, 0.22, 0.00
HSL	19°, 100%, 89%
HSV	19°, 22%, 100%
XYZ	75.9889, 74.4490, 63.7911
YIQ	225.6090, 29.0220, 2.6700

Conversions

Conversions Part 2

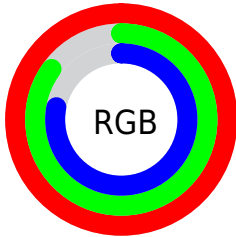
Format	Color
R _Y B	255, 224, 198
Decimal	16767174
CIE Lab	89.13, 10.89, 13.91
CIE LCh	89, 17.672, 51.939
Yxy	74.4490, 0.3547, 0.3475
Android (android.graphics.Color)	4294957254 (0xFFFFD8C6)
YUV	225.6090, -13.6112, 25.7759
Hunter-Lab	86.2838, 6.2056, 16.5646

Details

The XYZ color **75.9889, 74.4490, 63.7911** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.6219, 79.7916, 106.2342**, and the grayscale version is **72.0885, 75.8427, 82.5927**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0676, 39.5091, 31.8471** is the 20% darker color. If you saturate the color by 10%, you get **69.0573, 64.9032, 48.1706**, and if you desaturate by 10%, it is **83.8939, 85.1486, 82.1808**.

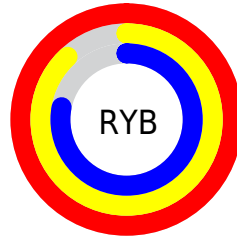
Distribution



Red (100%)

Green (85%)

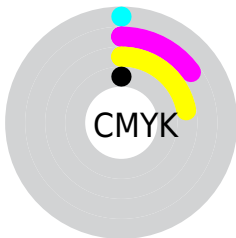
Blue (78%)



Red (100%)

Yellow (88%)

Blue (78%)

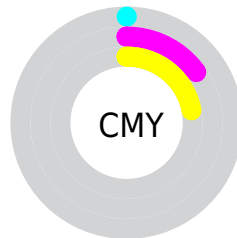


Cyan (0%)

Magenta (15%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.9889, 74.4490, 63.7911 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 75.9889, 74.4490, 63.7911 by changing the saturation by 10% instead.


 75.9889, 74.4490,
63.7911

 75.9889, 74.4490,
63.7911


470.2547,
476.0216, 456.6216

 56.7204, 55.1616,
46.0364


126.6917,
125.5321, 111.9066

 41.0201, 39.5311,
31.9257


158.8567,
158.0966, 143.1045

 28.5225, 27.1732,
21.0404


196.0512,
195.8556, 179.6205

 18.8624, 17.7033,
12.9620

238.6407,
239.1934, 221.8732

 11.6743, 10.7372,
7.2720

286.9904,
288.4946, 270.2811

 6.5929, 5.8904,
3.5517

341.4657,

 3.2529, 2.7786,

344.1434, 325.2628

1.3828

402.4320,
406.5242, 387.2368

■ 1.2889, 1.0172,
0.1282

■ 0.1749, 0.0000,
0.0000

■ 75.9889, 74.4490,
63.7911

■ 75.9889, 74.4490,
63.7911

■ 69.0573, 64.9032,
48.1706

■ 83.8939, 85.1486,
82.1808

■ 63.0541, 56.4617,
35.1793

■ 92.8040, 97.0293,
103.4611

■ 57.9388, 49.0863,
24.6718

■ 95.0500, 100.0000,
108.9000

■ 53.6652, 42.7322,
16.4864

■ 50.1829, 37.3515,
10.4424

■ 47.4349, 32.8919,
6.3315

■ 45.3549, 29.2949,
3.9028

■ 44.1491, 27.0782,
2.8997

Harmonies

Analogous

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



78.7216, 74.4490, 72.5228



75.9889, 74.4490, 63.7911



71.9287, 74.4490, 59.7806

Triad

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



75.9889, 74.4490, 63.7911



62.8772, 74.4490, 77.7830



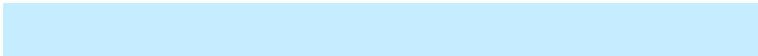
73.8999, 74.4490, 105.1031

Complementary

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



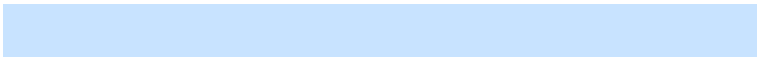
75.9889, 74.4490, 63.7911



71.6219, 79.7916, 106.2342

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.



69.6070, 74.4490, 106.8760



75.9889, 74.4490, 63.7911



63.3570, 74.4490, 90.2471

Square

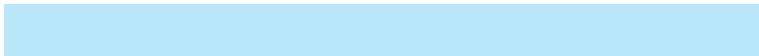
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.9889, 74.4490, 63.7911



64.4415, 74.4490, 67.3067



65.7796, 74.4490, 101.1994



77.4819, 74.4490, 96.5750

Rectangle

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



75.9889, 74.4490, 63.7911



69.0627, 74.4490, 60.0083



65.7796, 74.4490, 101.1994



72.4880, 74.4490, 106.5413

Sweetspot

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



75.9907, 74.4523, 63.7926



88.5353, 91.3579, 93.2032



76.8524, 67.8161, 89.8515



18.8350, 19.4008, 19.6743



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.



75.9907, 74.4523, 63.7926



72.6500, 69.8738, 56.1960



83.6638, 89.7984, 66.3503



18.4776, 18.9233, 18.8230



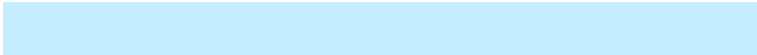
23.1863, 14.3839, 1.5543



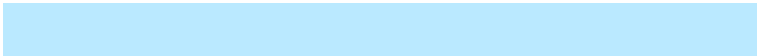
2.3507, 1.5868, 0.1824

Inverse Universe

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



71.6219, 79.7916, 106.2342



67.5463, 76.0982, 105.7361



64.2382, 65.0241, 103.7729



18.0426, 19.4567, 23.0545



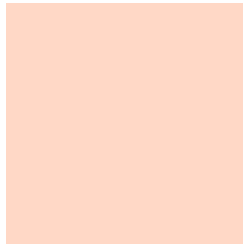
17.5260, 19.9616, 52.3638



1.8046, 2.1400, 5.1312

Previews

White Background



This preview shows how the XYZ color 75.9889, 74.4490, 63.7911 looks on a white background.

Color Contrast Check

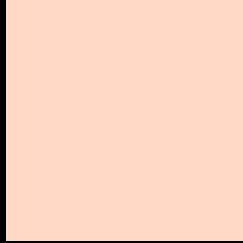
Large Text (above 18pt) WCAG AA × Fail

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 75.9889, 74.4490, 63.7911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

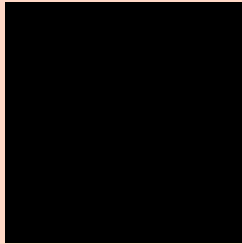
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.9889, 74.4490, 63.7911

Background



This preview shows how black text looks on a background with the XYZ color 75.9889, 74.4490, 63.7911.



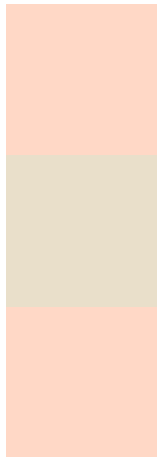
This preview shows how white text looks on a background with the XYZ color 75.9889, 74.4490,

63.7911.

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

75.9889, 74.4490, 63.7911

Protanopia

70.6526, 74.3633, 66.5069

Deuteranopia

75.9889, 74.4490, 63.7911



Tritanopia

79.0378, 74.4499, 83.6033

Trichromacy



Original Color

75.9889, 74.4490, 63.7911

Protanomaly

72.4114, 74.1042, 65.7454

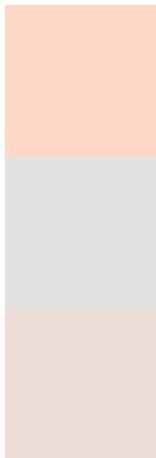
Deuteranomaly

75.9889, 74.4490, 63.7911

Tritanomaly

77.8110, 74.3629, 75.8980

Monochromacy



Original Color

75.9889, 74.4490, 63.7911

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.4410, 75.2049, 75.6110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9889, 74.4490, 63.7911 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, 216, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 198)  
}
```

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, 216, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 198) }
```

Border

The CSS property to change the border of an element to XYZ 75.9889, 74.4490, 63.7911 is called "border". The border property can be set on classes, ids or directly on the HTML element.

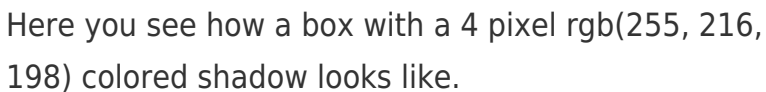
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 216, 198) }
```


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

```
.border{ border-color:rgb(255, 216, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 216, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 216, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 216, 198); box-shadow:4px 4px 4px 4px rgb(255, 216, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9889, 74.4490, 63.7911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 198) }
```

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

```
.background{ background-color: rgb(255,  
216, 198) }
```

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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