

Converting Colors

XYZ(74.8951, 75.1509, 75.6612)

Have a look what the booklet for
XYZ(74.8951, 75.1509, 75.6612)
contains.

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Color

**XYZ(74.9500, 75.1990,
75.5303)**

Conversions

Conversions Part 1

Format	Color
Hex	F3DCD8
RGB	243, 220, 216
RGB Percent	95%, 86%, 85%
CMY	0.0471, 0.1372, 0.1529
CMYK	0.00, 0.09, 0.11, 0.05
HSL	9°, 53%, 90%
HSV	9°, 11%, 95%
XYZ	74.9500, 75.1990, 75.5303
YIQ	226.4210, 14.9920, 3.6320

Conversions

Conversions Part 2

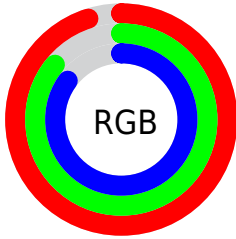
Format	Color
R _Y B	243, 221, 216
Decimal	15981784
CIE Lab	89.49, 7.25, 4.83
CIE LCh	89, 8.713, 33.645
Yxy	75.1990, 0.3321, 0.3332
Android (android.graphics.Color)	4294171864 (0xFFFF3DCD8)
YUV	226.4210, -5.1376, 14.5398
Hunter-Lab	86.7174, 2.5226, 9.0609

Details

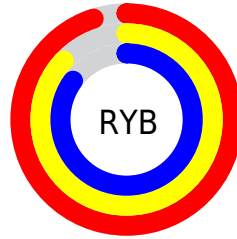
The XYZ color **74.9500, 75.1990, 75.5303** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.3626, 82.8012, 96.8049**, and the grayscale version is **72.6237, 76.4057, 83.2059**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3817, 40.0483, 39.3200** is the 20% darker color. If you saturate the color by 10%, you get **66.9386, 63.8370, 58.4897**, and if you desaturate by 10%, it is **84.1026, 88.0984, 95.2452**.

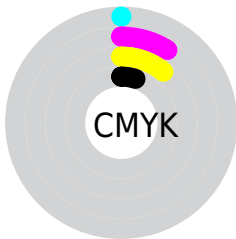
Distribution



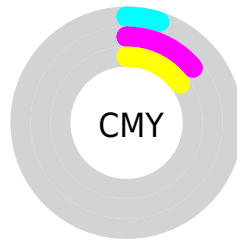
- Red (95%)
- Green (86%)
- Blue (85%)



- Red (95%)
- Yellow (87%)
- Blue (85%)



- Cyan (0%)
- Magenta (9%)
- Yellow (11%)
- Black (5%)



- Cyan (5%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.9500, 75.1990, 75.5303 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 74.9500, 75.1990, 75.5303 by changing the saturation by 10% instead.


 74.9500, 75.1990,
75.5303

 74.9500, 75.1990,
75.5303


466.7455,
478.6013, 499.0423

 55.8660, 55.7759,
55.5431

125.2299,
126.5940, 128.8167

 40.3320, 40.0233,
39.4352


157.1564,
159.3348, 162.9530

 27.9829, 27.5567,
26.7880


194.0945,
197.2835, 202.6428

 18.4532, 17.9918,
17.1830

236.4095,
240.8247, 248.3046

 11.3775, 10.9441,
10.2017

284.4667,
290.3426, 300.3568

 6.3905, 6.0292,
5.4256

338.6316,

 3.1268, 2.8629,

346.2218, 359.2182

2.4360

399.2694,
408.8465, 425.3072

■ 1.2212, 1.0606,
0.8059

■ 0.1230, 0.0000,
0.0000

■ 74.9500, 75.1990,
75.5303

■ 74.9500, 75.1990,
75.5303

■ 66.9386, 63.8370,
58.4897

■ 84.1026, 88.0984,
95.2452

■ 60.0175, 53.9454,
44.0033

■ 90.7724, 97.7948,
108.6998

■ 54.1409, 45.4668,
31.9493

■ 49.2575, 38.3365,
22.1938

■ 45.3116, 32.4844,
14.5899

■ 42.2417, 27.8343,
8.9739

■ 39.9788, 24.3017,
5.1581

■ 38.4431, 21.7905,
2.9188

■ 37.5946, 20.3191,
1.9405

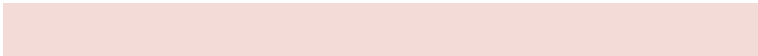
Harmonies

Analogous

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



75.6541, 75.1990, 81.1330



74.9500, 75.1990, 75.5303



73.3141, 75.1990, 71.7801

Triad

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



74.9500, 75.1990, 75.5303



67.8552, 75.1990, 76.7651



71.7360, 75.1990, 94.1937

Complementary

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



74.9500, 75.1990, 75.5303



75.3626, 82.8012, 96.8049

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.



69.6657, 75.1990, 92.8831



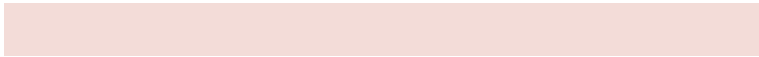
74.9500, 75.1990, 75.5303



67.4515, 75.1990, 82.6295

Square

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



74.9500, 75.1990, 75.5303



69.2218, 75.1990, 72.4677



68.1079, 75.1990, 88.5737



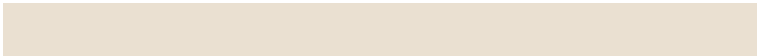
73.7753, 75.1990, 92.0716

Rectangle

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



74.9500, 75.1990, 75.5303



71.9302, 75.1990, 70.7311



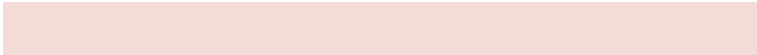
68.1079, 75.1990, 88.5737



71.0206, 75.1990, 94.1405

Sweetspot

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



74.9521, 75.2023, 75.5319



91.7992, 95.4302, 101.8607



77.1580, 74.4231, 92.2707



19.4671, 20.1703, 21.4098



0.0000, 0.0000, 0.0000



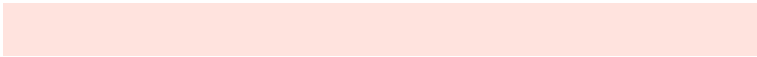
20.3446, 21.4041, 23.3091

Same Dimension

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



74.9521, 75.2023, 75.5319



81.8100, 81.3365, 80.3895



78.5249, 82.3479, 76.7228



16.6974, 16.8790, 17.1755



20.6922, 11.2700, 1.0847



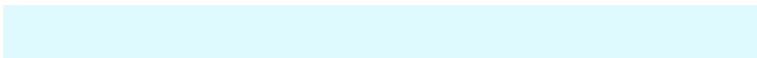
1.8774, 1.1080, 0.1149

Inverse Universe

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



75.3626, 82.8012, 96.8049



82.3398, 91.1489, 107.8615



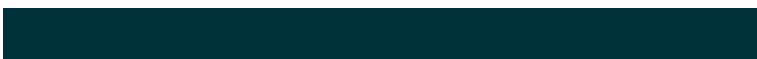
71.6667, 75.4093, 95.5729



16.7750, 18.3143, 21.1935



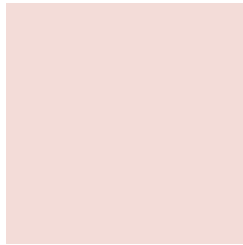
21.1982, 28.1903, 50.8620



1.9189, 2.5892, 4.4889

Previews

White Background



This preview shows how the XYZ color 74.9500, 75.1990, 75.5303 looks on a white background.

Color Contrast Check

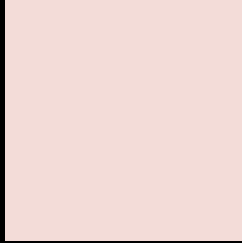
Large Text (above 18pt) WCAG AA × Fail

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 74.9500, 75.1990, 75.5303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

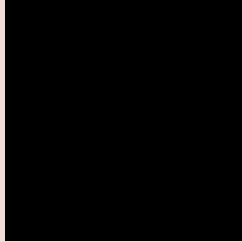
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

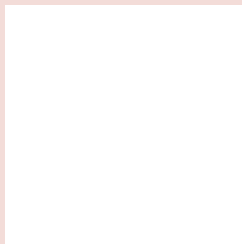
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.9500, 75.1990, 75.5303

Background



This preview shows how black text looks on a background with the XYZ color 74.9500, 75.1990, 75.5303.

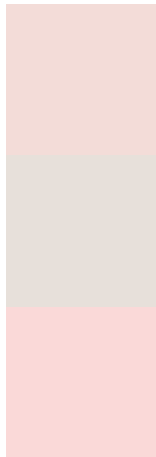


This preview shows how white text looks on a background with the XYZ color 74.9500, 75.1990,

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

74.9500, 75.1990, 75.5303

Protanopia

72.2655, 75.3622, 77.0672

Deuteranopia

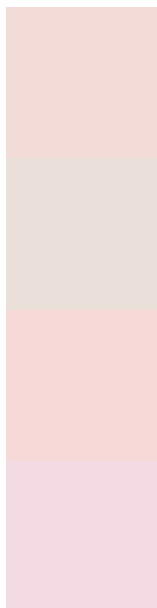
76.6319, 74.9076, 75.3854



Tritanopia

77.3203, 74.9787, 88.2390

Trichromacy



Original Color

74.9500, 75.1990, 75.5303

Protanomaly

73.1730, 75.4473, 76.3518

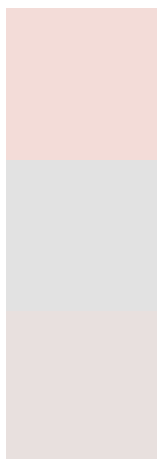
Deuteranomaly

75.8238, 74.8748, 75.4217

Tritanomaly

76.2448, 74.9220, 83.1159

Monochromacy



Original Color

74.9500, 75.1990, 75.5303

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.1192, 75.7410, 79.8729

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9500, 75.1990, 75.5303 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(243, 220, 216) looks like.

```
.text, #text, p{  
    color:rgb(243, 220, 216)  
}
```

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(243, 220, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 220, 216) }
```

Border

The CSS property to change the border of an element to XYZ 74.9500, 75.1990, 75.5303 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(243, 220, 216) }
```


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

```
.border{ border-color:rgb(243, 220, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 220, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 220, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 220, 216);  
box-shadow:4px 4px 4px 4px rgb(243, 220,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9500, 75.1990, 75.5303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 220, 216) }
```

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

```
.background{ background-color: rgb(243,  
220, 216) }
```

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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