

Converting Colors

XYZ(75.6168, 76.7604, 76.3061)

Have a look what the booklet for
XYZ(75.6168, 76.7604, 76.3061)
contains.

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Color

**XYZ(75.5300, 76.6624,
76.4621)**

Conversions

Conversions Part 1

Format	Color
Hex	F2DFD9
RGB	242, 223, 217
RGB Percent	95%, 87%, 85%
CMY	0.0510, 0.1255, 0.1490
CMYK	0.00, 0.08, 0.10, 0.05
HSL	14°, 49%, 90%
HSV	14°, 10%, 95%
XYZ	75.5300, 76.6624, 76.4621
YIQ	227.9970, 13.2500, 2.1620

Conversions

Conversions Part 2

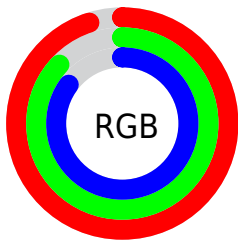
Format	Color
RYB	242, 225, 217
Decimal	15917017
CIELab	90.17, 5.51, 5.27
CIELCh	90, 7.629, 43.742
Yxy	76.6624, 0.3303, 0.3353
Android (android.graphics.Color)	4294107097 (0xFFFF2DFD9)
YUV	227.9970, -5.4215, 12.2806
Hunter-Lab	87.5571, 0.7559, 9.5130

Details

The XYZ color **75.5300, 76.6624, 76.4621** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.6374, 81.1517, 95.7352**, and the grayscale version is **73.7741, 77.6160, 84.5239**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7739, 41.0530, 39.9574** is the 20% darker color. If you saturate the color by 10%, you get **67.9619, 66.1990, 59.5318**, and if you desaturate by 10%, it is **84.0976, 88.3842, 96.0046**.

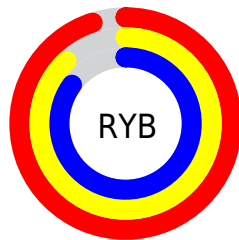
Distribution



Red (95%)

Green (87%)

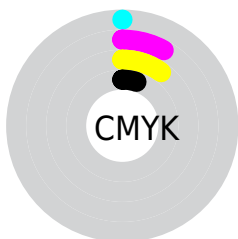
Blue (85%)



Red (95%)

Yellow (88%)

Blue (85%)

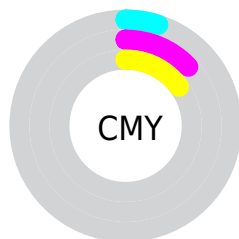


Cyan (0%)

Magenta (8%)

Yellow (10%)

Black (5%)



Cyan (5%)


Magenta (13%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.5300, 76.6624, 76.4621 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 75.5300, 76.6624, 76.4621 by changing the saturation by 10% instead.


 75.5300, 76.6624,
76.4621

 75.5300, 76.6624,
76.4621


468.7064,
483.6122, 502.3170

 56.3429, 56.9758,
56.3026


126.0462,
128.6628, 130.1460

 40.7160, 40.9858,
40.0400


158.1060,
161.7455, 164.5074

 28.2839, 28.3080,
27.2557


195.1875,
200.0622, 204.4399

 18.6813, 18.5580,
17.5312

237.6559,
243.9976, 250.3620

 11.5429, 11.3513,
10.4480

285.8767,
293.9358, 302.6922

 6.5032, 6.3037,
5.5875

340.2151,

 3.1969, 3.0306,

350.2614, 361.8490

2.5312

401.0366,
413.3588, 428.2511

■ 1.2588, 1.1477,
0.8566

■ 0.1520, 0.0184,
0.0000

■ 75.5300, 76.6624,
76.4621

■ 75.5300, 76.6624,
76.4621

■ 67.9619, 66.1990,
59.5318

■ 84.0976, 88.3842,
96.0046

■ 61.3498, 56.9421,
45.0977

■ 90.4283, 97.6174,
108.6837

■ 55.6567, 48.8506,
33.0423

■ 50.8403, 41.8776,
23.2370

■ 46.8550, 35.9727,
15.5405

■ 43.6509, 31.0816,
9.7956

■ 41.1723, 27.1450,
5.8228

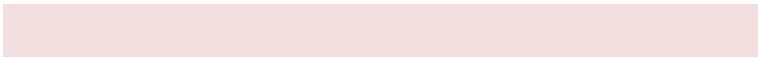
■ 39.3548, 24.0966,
3.4087

■ 38.1376, 21.9160,
2.2201

Harmonies

Analogous

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



76.4629, 76.6624, 81.0175



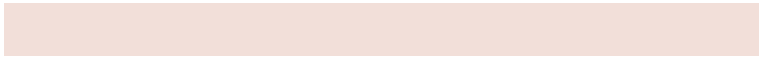
75.5300, 76.6624, 76.4621



73.8904, 76.6624, 73.8483

Triad

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



75.5300, 76.6624, 76.4621



69.4225, 76.6624, 80.5843



73.7344, 76.6624, 94.0265

Complementary

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



75.5300, 76.6624, 76.4621



74.6374, 81.1517, 95.7352

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.



71.8498, 76.6624, 93.8981



75.5300, 76.6624, 76.4621



69.3824, 76.6624, 85.9762

Square

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



75.5300, 76.6624, 76.4621



70.3746, 76.6624, 76.1568



70.2640, 76.6624, 90.8984



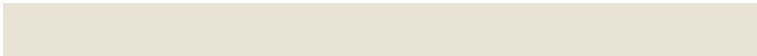
75.4141, 76.6624, 91.2419

Rectangle

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



75.5300, 76.6624, 76.4621



72.6277, 76.6624, 73.4848



70.2640, 76.6624, 90.8984



73.1034, 76.6624, 94.3261

Sweetspot

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



75.5321, 76.6658, 76.4637



92.0162, 95.8643, 101.9330



76.5962, 74.5698, 89.8411



19.5255, 20.2871, 21.4293



0.0000, 0.0000, 0.0000



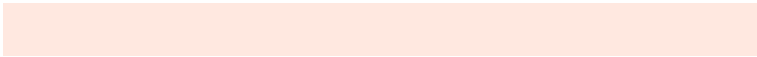
20.3446, 21.4041, 23.3091

Same Dimension

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



75.5321, 76.6658, 76.4637



83.5350, 84.2359, 82.6621



78.9470, 83.4956, 77.6020



16.0810, 16.3752, 16.4629



20.5758, 11.9496, 1.2220



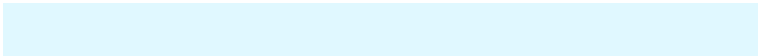
1.7865, 1.1438, 0.1266

Inverse Universe

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



74.6374, 81.1517, 95.7352



82.3746, 90.0514, 107.6478



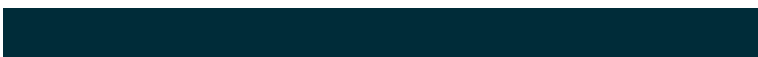
71.2094, 74.2959, 94.5925



15.9070, 17.2480, 20.2124



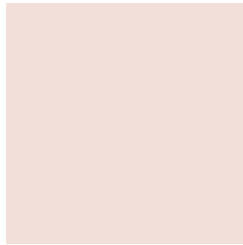
17.9154, 22.0551, 48.4407



1.5666, 1.9872, 4.0552

Previews

White Background



This preview shows how the XYZ color 75.5300, 76.6624, 76.4621 looks on a white background.

Color Contrast Check

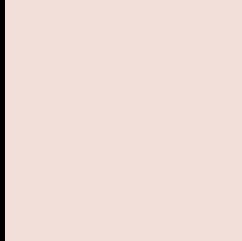
Large Text (above 18pt) WCAG AA × Fail

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 75.5300, 76.6624, 76.4621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

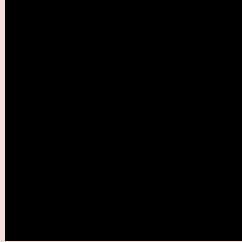
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

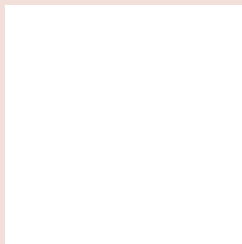
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.5300, 76.6624, 76.4621

Background



This preview shows how black text looks on a background with the XYZ color 75.5300, 76.6624, 76.4621.



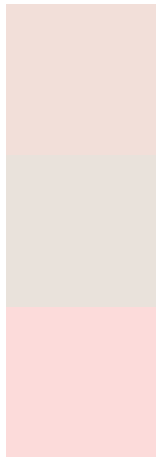
This preview shows how white text looks on a background with the XYZ color 75.5300, 76.6624,

76.4621.

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

75.5300, 76.6624, 76.4621

Protanopia

73.5868, 76.8308, 77.9692

Deuteranopia

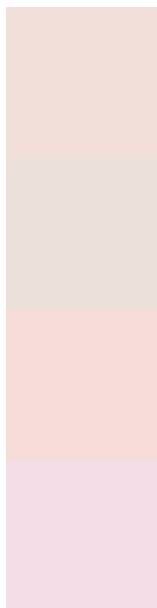
78.1313, 76.4204, 76.9623



Tritanopia

78.5354, 76.7133, 90.7886

Trichromacy



Original Color

75.5300, 76.6624, 76.4621

Protanomaly

74.1722, 76.7452, 77.2337

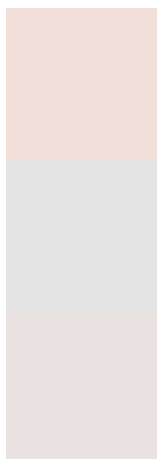
Deuteranomaly

76.9595, 76.2048, 76.9825

Tritanomaly

77.4476, 76.6592, 85.5777

Monochromacy



Original Color

75.5300, 76.6624, 76.4621

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.2552, 77.0982, 81.4888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.5300, 76.6624, 76.4621 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(242, 223, 217) looks like.

```
.text, #text, p{  
    color:rgb(242, 223, 217)  
}
```

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(242, 223, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 223, 217) }
```

Border

The CSS property to change the border of an element to XYZ 75.5300, 76.6624, 76.4621 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(242, 223, 217) }
```


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

```
.border{ border-color:rgb(242, 223, 217) }
```

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

Here you see how a box with a 4 pixel rgb(242, 223, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 223, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 223, 217);  
box-shadow:4px 4px 4px 4px rgb(242, 223,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 75.5300, 76.6624, 76.4621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 223, 217) }
```

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

```
.background{ background-color: rgb(242,  
223, 217) }
```

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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