

Converting Colors

XYZ(75.6466, 77.4902, 77.9879)

Have a look what the booklet for
XYZ(75.6466, 77.4902, 77.9879)
contains.

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Color

**XYZ(75.6466, 77.4902,
77.9879)**

Conversions

Conversions Part 1

Format	Color
Hex	F0E1DB
RGB	240, 225, 219
RGB Percent	94%, 88%, 86%
CMY	0.0588, 0.1176, 0.1412
CMYK	0.00, 0.06, 0.09, 0.06
HSL	17°, 41%, 90%
HSV	17°, 9%, 94%
XYZ	75.6466, 77.4902, 77.9879
YIQ	228.8010, 10.8660, 1.3140

Conversions

Conversions Part 2

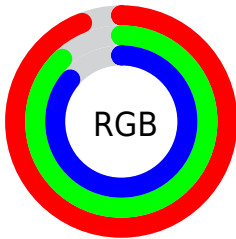
Format	Color
RYB	240, 227, 219
Decimal	15786459
CIELab	90.55, 4.11, 4.76
CIELCh	91, 6.285, 49.180
Yxy	77.4902, 0.3273, 0.3353
Android (android.graphics.Color)	4293976539 (0xFFFF0E1DB)
YUV	228.8010, -4.8319, 9.8215
Hunter-Lab	88.0285, -0.6574, 9.0926

Details

The XYZ color **75.6466, 77.4902, 77.9879** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.3642, 80.1955, 93.9989**, and the grayscale version is **74.3606, 78.2331, 85.1958**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8427, 41.6201, 41.0028** is the 20% darker color. If you saturate the color by 10%, you get **68.3097, 67.5130, 61.0616**, and if you desaturate by 10%, it is **83.9084, 88.5865, 97.4718**.

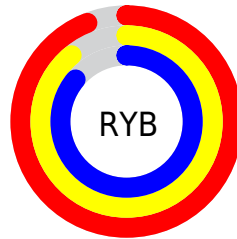
Distribution



Red (94%)

Green (88%)

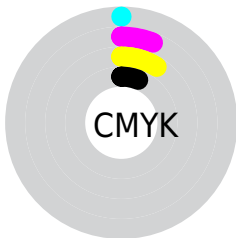
Blue (86%)



Red (94%)

Yellow (89%)

Blue (86%)

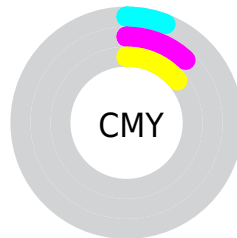


Cyan (0%)

Magenta (6%)

Yellow (9%)

Black (6%)



Cyan (6%)


Magenta (12%)


Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.6466, 77.4902, 77.9879 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 75.6466, 77.4902, 77.9879 by changing the saturation by 10% instead.


 75.6466, 77.4902,
77.9879

 75.6466, 77.4902,
77.9879


469.1001,
486.4338, 507.6526

 56.4388, 57.6553,
57.5476


126.2103,
129.8312, 132.3188

 40.7932, 41.5316,
41.0328


158.2968,
163.1061, 167.0465

 28.3445, 28.7347,
28.0248


195.4070,
201.6298, 207.3738

 18.7273, 18.8802,
18.1052

237.9062,
245.7866, 253.7191

 11.5762, 11.5838,
10.8553

286.1598,
295.9611, 306.5012

 6.5260, 6.4609,
5.8567

340.5330,

 3.2111, 3.1273,

352.5375, 366.1384

2.6907

401.3914,
415.9002, 433.0493

■ 1.2664, 1.1986,
0.9388

■ 0.1578, 0.0605,
0.0000

■ 75.6466, 77.4902,
77.9879

■ 75.6466, 77.4902,
77.9879

■ 68.3097, 67.5130,
61.0616

■ 83.9084, 88.5865,
97.4718

■ 61.8583, 58.6097,
46.5813

■ 89.7456, 97.2655,
108.6518

■ 56.2595, 50.7468,
34.4342

■ 51.4756, 43.8852,
24.4969

■ 47.4662, 37.9832,
16.6344

■ 44.1870, 32.9963,
10.6968

■ 41.5888, 28.8758,
6.5137

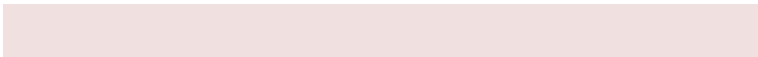
■ 39.6151, 25.5680,
3.8841

■ 38.1903, 23.0086,
2.5144

Harmonies

Analogous

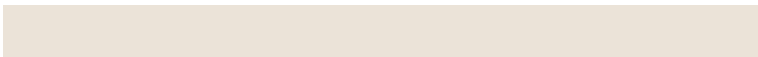
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.5453, 77.4902, 81.5602



75.6466, 77.4902, 77.9879



74.2213, 77.4902, 76.1498

Triad

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



75.6466, 77.4902, 77.9879



70.7216, 77.4902, 82.7583



74.6501, 77.4902, 92.8206

Complementary

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



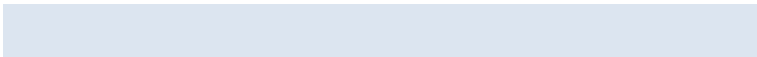
75.6466, 77.4902, 77.9879



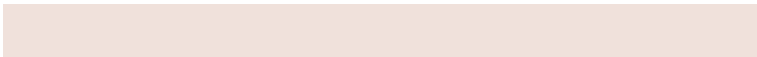
74.3642, 80.1955, 93.9989

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.



73.0859, 77.4902, 93.1693



75.6466, 77.4902, 77.9879



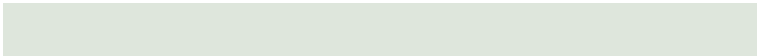
70.8327, 77.4902, 87.2510

Square

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



75.6466, 77.4902, 77.9879



71.3873, 77.4902, 78.8381



71.6930, 77.4902, 91.0988



75.9644, 77.4902, 90.1625

Rectangle

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



75.6466, 77.4902, 77.9879



73.1707, 77.4902, 76.1096



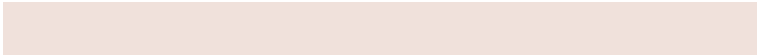
71.6930, 77.4902, 91.0988



74.1356, 77.4902, 93.2153

Sweetspot

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



75.6488, 77.4936, 77.9896



92.1246, 96.0810, 101.9691



76.1262, 75.1328, 88.3703



19.5546, 20.3454, 21.4390



0.0000, 0.0000, 0.0000



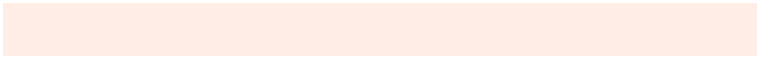
20.3446, 21.4041, 23.3091

Same Dimension

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



75.6488, 77.4936, 77.9896



85.6765, 87.3925, 86.8481



78.5597, 83.3154, 78.9599



16.1409, 16.4948, 16.4828



20.9217, 12.6415, 1.3373



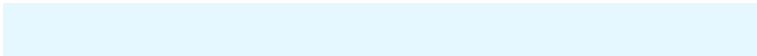
1.8224, 1.2154, 0.1385

Inverse Universe

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



74.3642, 80.1955, 93.9989



84.0009, 90.9164, 107.7290



71.4775, 74.4222, 93.0366



15.8433, 17.1207, 20.1912



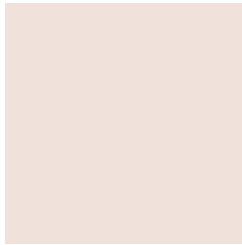
16.7402, 19.7047, 48.0490



1.4771, 1.8081, 4.0254

Previews

White Background



This preview shows how the XYZ color 75.6466, 77.4902, 77.9879 looks on a white background.

Color Contrast Check

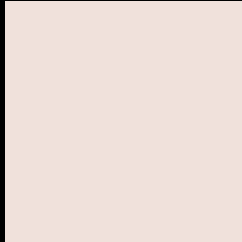
Large Text (above 18pt) WCAG AA × Fail

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 75.6466, 77.4902, 77.9879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

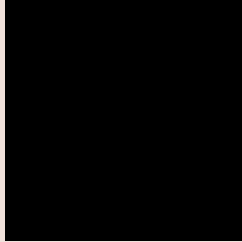
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

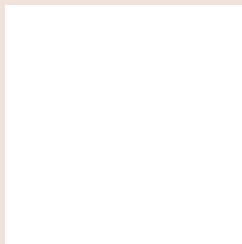
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.6466, 77.4902, 77.9879

Background



This preview shows how black text looks on a background with the XYZ color 75.6466, 77.4902, 77.9879.

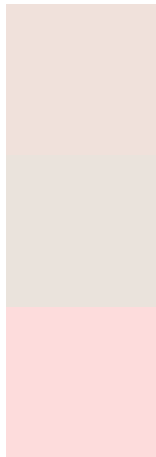


This preview shows how white text looks on a background with the XYZ color 75.6466, 77.4902,

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

75.6466, 77.4902, 77.9879

Protanopia

74.3190, 77.5979, 78.7710

Deuteranopia

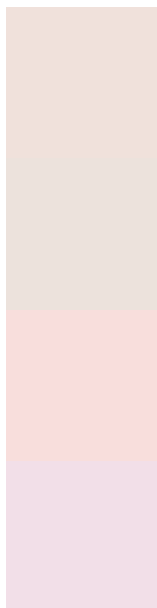
79.0195, 77.2364, 78.4535



Tritanopia

78.6634, 77.5292, 92.4800

Trichromacy



Original Color

75.6466, 77.4902, 77.9879

Protanomaly

74.7067, 77.3929, 78.7110

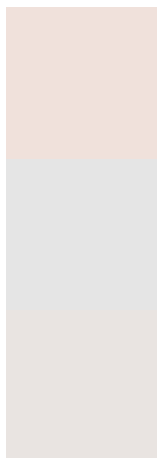
Deuteranomaly

77.7509, 77.3663, 78.5454

Tritanomaly

77.5711, 77.4788, 87.2104

Monochromacy



Original Color

75.6466, 77.4902, 77.9879

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.9383, 78.2467, 82.3876

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6466, 77.4902, 77.9879 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(240, 225, 219) looks like.

```
.text, #text, p{  
    color:rgb(240, 225, 219)  
}
```

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(240, 225, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 225, 219) }
```

Border

The CSS property to change the border of an element to XYZ 75.6466, 77.4902, 77.9879 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(240, 225, 219) }
```


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

```
.border{ border-color:rgb(240, 225, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 225, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 225, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 225, 219);  
box-shadow:4px 4px 4px 4px rgb(240, 225,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6466, 77.4902, 77.9879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 225, 219) }
```

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

```
.background{ background-color: rgb(240,  
225, 219) }
```

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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