

Converting Colors

XYZ(75.5195, 77.5756, 78.8195)

Have a look what the booklet for
XYZ(75.5195, 77.5756, 78.8195)
contains.

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Color

**XYZ(75.4401, 77.3685,
78.6676)**

Conversions

Conversions Part 1

Format	Color
Hex	EFE1DC
RGB	239, 225, 220
RGB Percent	94%, 88%, 86%
CMY	0.0627, 0.1176, 0.1372
CMYK	0.00, 0.06, 0.08, 0.06
HSL	16°, 37%, 90%
HSV	16°, 8%, 94%
XYZ	75.4401, 77.3685, 78.6676
YIQ	228.6160, 9.9490, 1.4130

Conversions

Conversions Part 2

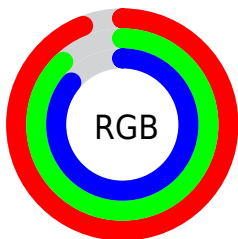
Format	Color
R _Y B	239, 227, 220
Decimal	15720924
CIE Lab	90.49, 3.93, 4.14
CIE LCh	90, 5.708, 46.525
Yxy	77.3685, 0.3259, 0.3342
Android (android.graphics.Color)	4293911004 (0xFFEFE1DC)
YUV	228.6160, -4.2477, 9.1068
Hunter-Lab	87.9594, -0.8348, 8.5448

Details

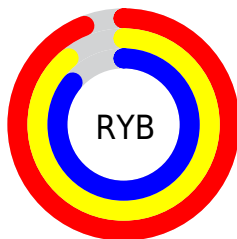
The XYZ color **75.4401, 77.3685, 78.6676** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.5178, 80.2918, 93.2326**, and the grayscale version is **74.2210, 78.0863, 85.0360**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6947, 41.5333, 41.4692** is the 20% darker color. If you saturate the color by 10%, you get **67.9824, 67.1611, 61.6654**, and if you desaturate by 10%, it is **83.8455, 88.7452, 98.2201**.

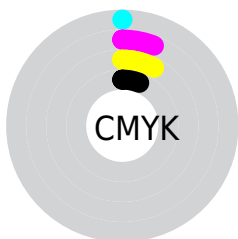
Distribution



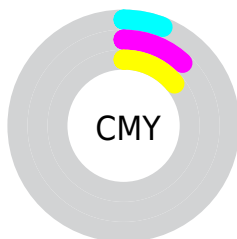
- Red (94%)
- Green (88%)
- Blue (86%)



- Red (94%)
- Yellow (89%)
- Blue (86%)



- Cyan (0%)
- Magenta (6%)
- Yellow (8%)
- Black (6%)



- Cyan (6%)
- Magenta (12%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.4401, 77.3685, 78.6676 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 75.4401, 77.3685, 78.6676 by changing the saturation by 10% instead.

75.4401, 77.3685,
78.6676

75.4401, 77.3685,
78.6676

468.4028,
486.0195, 510.0190

56.2690, 57.5554,
58.1029

125.9197,
129.6595, 133.2852

40.6564, 41.4513,
41.4761

157.9589,
162.9062, 168.1752

28.2372, 28.6719,
28.3688

195.0182,
201.3995, 208.6773

18.6459, 18.8327,
18.3624

237.4628,
245.5239, 255.2101

11.5172, 11.5495,
11.0383

285.6583,
295.6637, 308.1921

6.4857, 6.4377,
5.9781

339.9699,

3.1860, 3.1130,

352.2033, 368.0419

2.7632

400.7629,
415.5271, 435.1780

■ 1.2529, 1.1910,
0.9750

■ 0.1475, 0.0544,
0.0000

■ 75.4401, 77.3685,
78.6676

■ 75.4401, 77.3685,
78.6676

■ 67.9824, 67.1611,
61.6654

■ 83.8455, 88.7452,
98.2201

■ 61.4320, 58.0757,
47.1031

■ 89.4070, 97.0909,
108.6359

■ 55.7550, 50.0762,
34.8692

■ 50.9130, 43.1212,
24.8419

■ 46.8644, 37.1665,
16.8879

■ 43.5641, 32.1643,
10.8598

■ 40.9615, 28.0628,
6.5899

■ 38.9994, 24.8049,
3.8818

■ 37.6049, 22.3238,
2.4677

Harmonies

Analogous

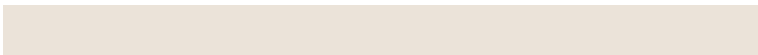
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.1979, 77.3685, 82.0263



75.4401, 77.3685, 78.6676



74.1775, 77.3685, 76.8296

Triad

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



75.4401, 77.3685, 78.6676



70.9008, 77.3685, 82.4236



74.3195, 77.3685, 91.9998

Complementary

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



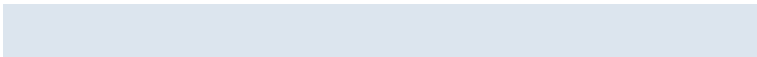
75.4401, 77.3685, 78.6676



74.5178, 80.2918, 93.2326

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.



72.8990, 77.3685, 92.1146



75.4401, 77.3685, 78.6676



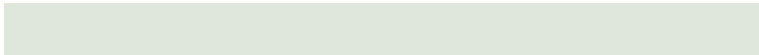
70.9377, 77.3685, 86.4956

Square

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



75.4401, 77.3685, 78.6676



71.5637, 77.3685, 78.9504



71.6651, 77.3685, 90.0719



75.5451, 77.3685, 89.7632

Rectangle

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



75.4401, 77.3685, 78.6676



73.2252, 77.3685, 76.6742



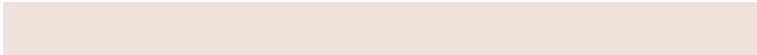
71.6651, 77.3685, 90.0719



73.8486, 77.3685, 92.2903

Sweetspot

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



75.4423, 77.3719, 78.6693



93.0529, 97.3023, 104.2371



76.0780, 75.4931, 88.5932



19.9381, 20.8550, 22.3599



0.0000, 0.0000, 0.0000



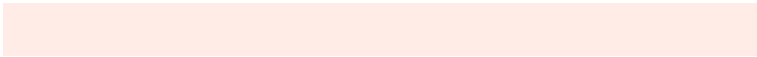
20.3446, 21.4041, 23.3091

Same Dimension

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



75.4423, 77.3719, 78.6693



85.5106, 87.0607, 86.7928



78.0099, 82.5071, 79.5251



16.1113, 16.4358, 16.4730



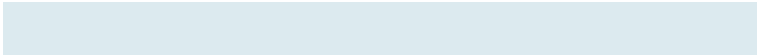
20.7431, 12.2843, 1.2778



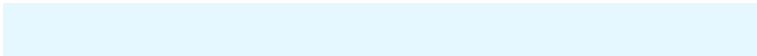
1.8042, 1.1790, 0.1325

Inverse Universe

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



74.5178, 80.2918, 93.2326



84.1775, 91.2697, 107.7879



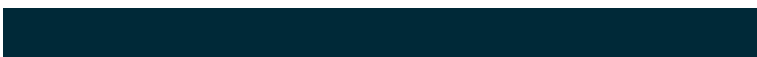
71.9539, 75.1641, 92.3780



15.8746, 17.1833, 20.2016



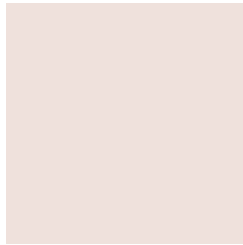
17.3076, 20.8395, 48.2381



1.5204, 1.8949, 4.0398

Previews

White Background



This preview shows how the XYZ color 75.4401, 77.3685, 78.6676 looks on a white background.

Color Contrast Check

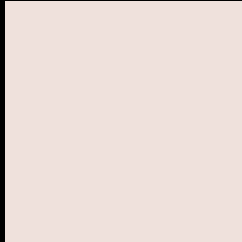
Large Text (above 18pt) WCAG AA × Fail

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 75.4401, 77.3685, 78.6676 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

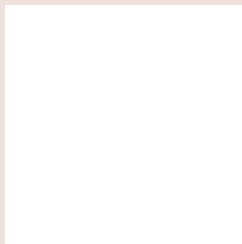
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.4401, 77.3685, 78.6676

Background



This preview shows how black text looks on a background with the XYZ color 75.4401, 77.3685, 78.6676.

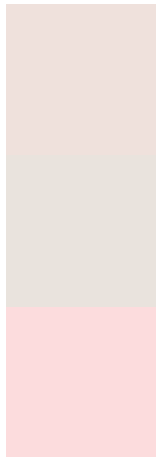


This preview shows how white text looks on a background with the XYZ color 75.4401, 77.3685,

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

75.4401, 77.3685, 78.6676

Protanopia

74.1245, 77.4823, 79.4554

Deuteranopia

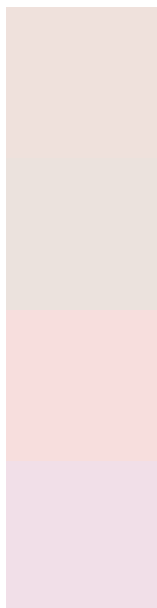
78.7892, 77.1023, 79.1362



Tritanopia

78.3192, 77.3518, 92.4639

Trichromacy



Original Color

75.4401, 77.3685, 78.6676

Protanomaly

74.5085, 77.2753, 79.3952

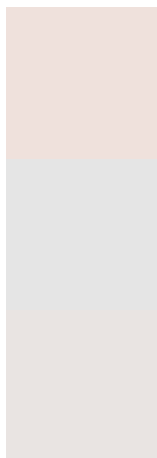
Deuteranomaly

77.5302, 77.2372, 79.2286

Tritanomaly

77.2288, 77.3023, 87.1944

Monochromacy



Original Color

75.4401, 77.3685, 78.6676

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.0751, 78.3014, 83.1083

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4401, 77.3685, 78.6676 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(239, 225, 220) looks like.

```
.text, #text, p{  
    color:rgb(239, 225, 220)  
}
```

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(239, 225, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 225, 220) }
```

Border

The CSS property to change the border of an element to XYZ 75.4401, 77.3685, 78.6676 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(239, 225, 220) }
```


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

```
.border{ border-color:rgb(239, 225, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 225, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 225, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 225, 220);  
box-shadow:4px 4px 4px 4px rgb(239, 225,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4401, 77.3685, 78.6676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 225, 220) }
```

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

```
.background{ background-color: rgb(239,  
225, 220) }
```

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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