

Converting Colors

XYZ(75.1913, 76.9167, 78.7036)

Have a look what the booklet for
XYZ(75.1913, 76.9167, 78.7036)
contains.

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Color

**XYZ(75.1705, 76.8293,
78.5778)**

Conversions

Conversions Part 1

Format	Color
Hex	EFE0DC
RGB	239, 224, 220
RGB Percent	94%, 88%, 86%
CMY	0.0627, 0.1215, 0.1372
CMYK	0.00, 0.06, 0.08, 0.06
HSL	13°, 37%, 90%
HSV	13°, 8%, 94%
XYZ	75.1705, 76.8293, 78.5778
YIQ	228.0290, 10.2240, 1.9360

Conversions

Conversions Part 2

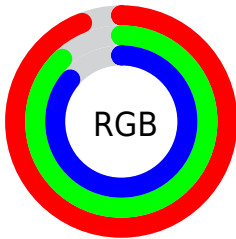
Format	Color
R _Y B	239, 225, 220
Decimal	15720668
CIE Lab	90.24, 4.44, 3.78
CIE LCh	90, 5.836, 40.405
Yxy	76.8293, 0.3260, 0.3332
Android (android.graphics.Color)	4293910748 (0xFFEFE0DC)
YUV	228.0290, -3.9583, 9.6216
Hunter-Lab	87.6523, -0.3102, 8.2048

Details

The XYZ color **75.1705, 76.8293, 78.5778** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.8033, 80.8630, 93.3278**, and the grayscale version is **73.7886, 77.6314, 84.5406**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5079, 41.1598, 41.4070** is the 20% darker color. If you saturate the color by 10%, you get **67.4377, 66.0719, 61.4840**, and if you desaturate by 10%, it is **83.9226, 88.8994, 98.2459**.

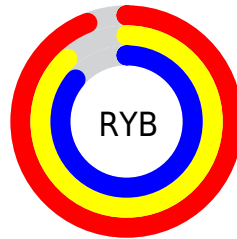
Distribution



Red (94%)

Green (88%)

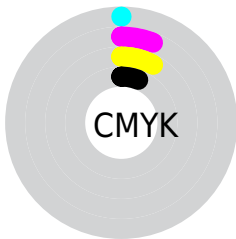
Blue (86%)



Red (94%)

Yellow (88%)

Blue (86%)

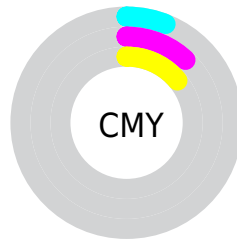


Cyan (0%)

Magenta (6%)

Yellow (8%)

Black (6%)



Cyan (6%)

Magenta (12%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.1705, 76.8293, 78.5778 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 75.1705, 76.8293, 78.5778 by changing the saturation by 10% instead.

75.1705, 76.8293,
78.5778

75.1705, 76.8293,
78.5778

467.4915,
484.1818, 509.7067

56.0472, 57.1128,
58.0295

125.5403,
128.8985, 133.1576

40.4780, 41.0958,
41.4175

157.5176,
162.0200, 168.0261

28.0973, 28.3939,
28.3233

194.5102,
200.3785, 208.5052

18.5398, 18.6228,
18.3283

236.8836,
244.3586, 255.0133

11.4403, 11.3981,
11.0141

285.0030,
294.3446, 307.9689

6.4333, 6.3352,
5.9620

339.2340,

3.1534, 3.0500,

350.7208, 367.7907

2.7536

399.9417,
413.8718, 434.8971

■ 1.2354, 1.1579,
0.9702

■ 0.1341, 0.0269,
0.0000

■ 75.1705, 76.8293,
78.5778

■ 75.1705, 76.8293,
78.5778

■ 67.4377, 66.0719,
61.4840

■ 83.9226, 88.8994,
98.2459

■ 60.6805, 56.5727,
46.8526

■ 89.4070, 97.0909,
108.6359

■ 54.8612, 48.2886,
34.5713

■ 49.9373, 41.1699,
24.5167

■ 45.8629, 35.1634,
16.5541

■ 42.5879, 30.2120,
10.5344

■ 40.0566, 26.2530,
6.2883

■ 38.2054, 23.2168,
3.6172

■ 36.9540, 21.0220,
2.2507

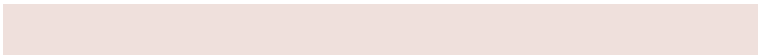
Harmonies

Analogous

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



75.8043, 76.8293, 82.2183



75.1705, 76.8293, 78.5778



73.9642, 76.8293, 76.3455

Triad

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



75.1705, 76.8293, 78.5778



70.4253, 76.8293, 81.0012



73.5293, 76.8293, 91.7669

Complementary

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



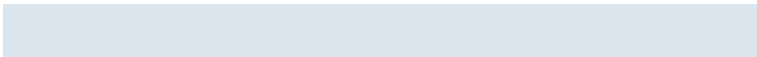
75.1705, 76.8293, 78.5778



74.8033, 80.8630, 93.3278

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.



72.0917, 76.8293, 91.4147



75.1705, 76.8293, 78.5778



70.3124, 76.8293, 85.1064

Square

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



75.1705, 76.8293, 78.5778



71.2293, 76.8293, 77.7123



70.9186, 76.8293, 88.9443



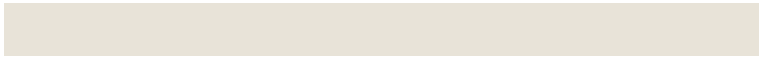
74.8485, 76.8293, 89.8912

Rectangle

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



75.1705, 76.8293, 78.5778



73.0042, 76.8293, 75.9109



70.9186, 76.8293, 88.9443



73.0437, 76.8293, 91.9066

Sweetspot

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



75.1726, 76.8327, 78.5794



92.9689, 97.1345, 104.2091



76.2151, 75.5480, 89.3150



19.9210, 20.8208, 22.3542



0.0000, 0.0000, 0.0000



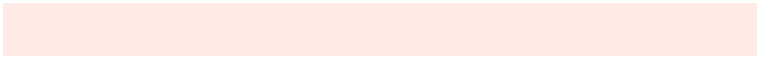
20.3446, 21.4041, 23.3091

Same Dimension

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



75.1726, 76.8327, 78.5794



85.1251, 86.2896, 86.6643



77.7397, 81.9669, 79.4351



16.0427, 16.2986, 16.4501



20.3869, 11.5719, 1.1591



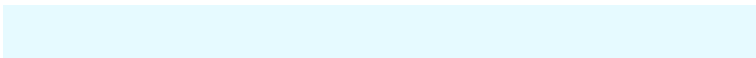
1.7658, 1.1023, 0.1197

Inverse Universe

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



74.8033, 80.8630, 93.3278



84.5924, 92.0994, 107.9262



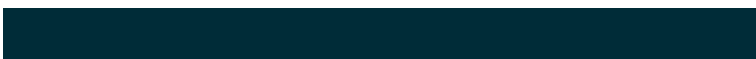
72.2111, 75.6785, 92.4637



15.9481, 17.3304, 20.2261



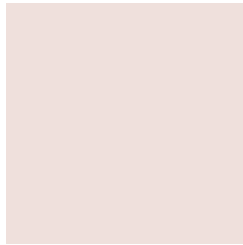
18.7211, 23.6664, 48.7092



1.6273, 2.1086, 4.0754

Previews

White Background



This preview shows how the XYZ color 75.1705, 76.8293, 78.5778 looks on a white background.

Color Contrast Check

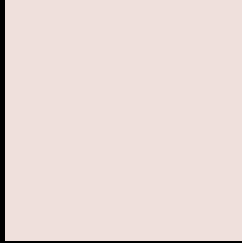
Large Text (above 18pt) WCAG AA × Fail

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 75.1705, 76.8293, 78.5778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

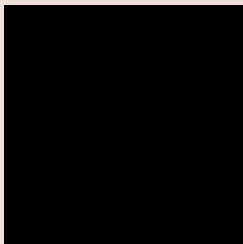
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

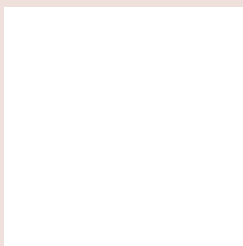
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.1705, 76.8293, 78.5778

Background



This preview shows how black text looks on a background with the XYZ color 75.1705, 76.8293, 78.5778.

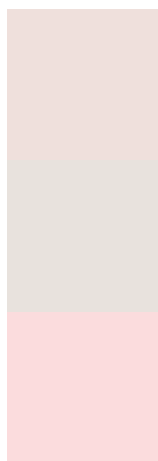


This preview shows how white text looks on a background with the XYZ color 75.1705, 76.8293,

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

75.1705, 76.8293, 78.5778

Protanopia

73.5262, 76.7690, 79.3493

Deuteranopia

78.4280, 76.9161, 79.1193



Tritanopia

78.0544, 76.8221, 92.3756

Trichromacy



Original Color

75.1705, 76.8293, 78.5778

Protanomaly

74.2373, 76.7331, 79.3048

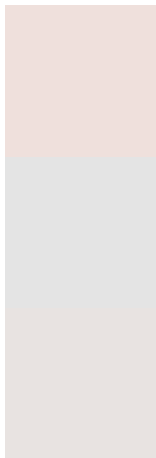
Deuteranomaly

77.2654, 76.7075, 79.1403

Tritanomaly

76.9624, 76.7695, 87.1056

Monochromacy



Original Color

75.1705, 76.8293, 78.5778

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.3384, 77.5302, 82.2809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1705, 76.8293, 78.5778 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, 224, 220) looks like.

```
.text, #text, p{  
    color:rgb(239, 224, 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, 224, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 224, 220) }
```

Border

The CSS property to change the border of an element to XYZ 75.1705, 76.8293, 78.5778 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, 224, 220) }
```


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

```
.border{ border-color:rgb(239, 224, 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, 224, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 224, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 224, 220);  
box-shadow:4px 4px 4px 4px rgb(239, 224,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1705, 76.8293, 78.5778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 224, 220) }
```

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

```
.background{ background-color: rgb(239,  
224, 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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