

Converting Colors

XYZ(75.4034, 78.4387, 81.7364)

Have a look what the booklet for
XYZ(75.4034, 78.4387, 81.7364)
contains.

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Color

**XYZ(75.4589, 78.5308,
81.7019)**

Conversions

Conversions Part 1

Format	Color
Hex	EBE4E0
RGB	235, 228, 224
RGB Percent	92%, 89%, 88%
CMY	0.0784, 0.1059, 0.1216
CMYK	0.00, 0.03, 0.05, 0.08
HSL	22°, 22%, 90%
HSV	22°, 5%, 92%
XYZ	75.4589, 78.5308, 81.7019
YIQ	229.6370, 5.4560, 0.2400

Conversions

Conversions Part 2

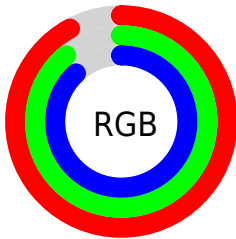
Format	Color
R _Y B	235, 230, 224
Decimal	15459552
CIE Lab	91.02, 1.68, 2.78
CIE LCh	91, 3.246, 58.864
Yxy	78.5308, 0.3202, 0.3332
Android (android.graphics.Color)	4293649632 (0xFFEBE4E0)
YUV	229.6370, -2.7790, 4.7034
Hunter-Lab	88.6176, -3.0860, 7.3693

Details

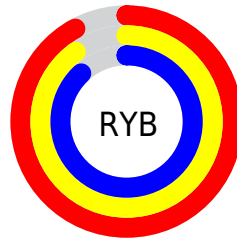
The XYZ color **75.4589, 78.5308, 81.7019** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.3117, 78.9961, 89.9293**, and the grayscale version is **74.9645, 78.8685, 85.8878**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6954, 42.3354, 43.5628** is the 20% darker color. If you saturate the color by 10%, you get **68.5547, 69.4746, 64.7481**, and if you desaturate by 10%, it is **83.1635, 88.4809, 101.0976**.

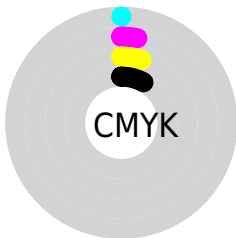
Distribution



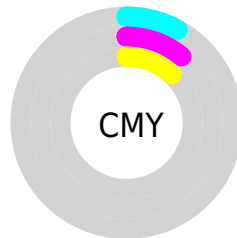
- Red (92%)
- Green (89%)
- Blue (88%)



- Red (92%)
- Yellow (90%)
- Blue (88%)



- Cyan (0%)
- Magenta (3%)
- Yellow (5%)
- Black (8%)



- Cyan (8%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.4589, 78.5308, 81.7019 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 75.4589, 78.5308, 81.7019 by changing the saturation by 10% instead.

■ 75.4589, 78.5308,
81.7019

■ 75.4589, 78.5308,
81.7019

468.4663,
489.9676, 520.5073

■ 56.2844, 58.5101,
60.5855

125.9462,
131.2981, 137.5888

■ 40.6689, 42.2189,
43.4623

157.9897,
164.8135, 173.1964

■ 28.2470, 29.2727,
29.9140

195.0536,
203.5960, 214.4714

■ 18.6533, 19.2872,
19.5218

237.5032,
248.0299, 261.8324

■ 11.5226, 11.8780,
11.8673

285.7040,
298.4996, 315.6980

■ 6.4894, 6.6607,
6.5319

340.0211,

■ 3.1883, 3.2508,

355.3895, 376.4866

3.0972

400.8201,
419.0841, 444.6168

■ 1.2541, 1.2640,
1.1445

■ 0.1485, 0.1131,
0.0000

■ 75.4589, 78.5308,
81.7019

■ 75.4589, 78.5308,
81.7019

■ 68.5547, 69.4746,
64.7481

■ 83.1635, 88.4809,
101.0976

■ 62.4175, 61.2771,
50.1336

■ 88.0714, 96.4024,
108.5734

■ 57.0209, 53.9153,
37.7559

■ 52.3344, 47.3616,
27.5029

■ 48.3256, 41.5866,
19.2527

■ 44.9588, 36.5590,
12.8708

■ 42.1947, 32.2450,
8.2061

■ 39.9888, 28.6078,
5.0833

■ 38.2886, 25.6058,
3.2885

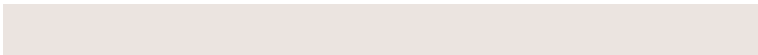
Harmonies

Analogous

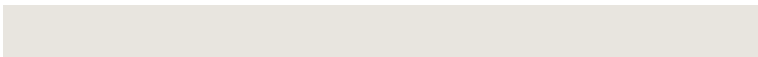
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.0297, 78.5308, 83.3467



75.4589, 78.5308, 81.7019



74.6724, 78.5308, 81.0737

Triad

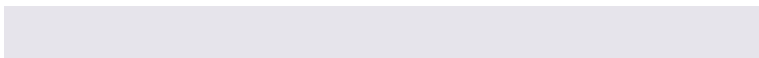
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.4589, 78.5308, 81.7019



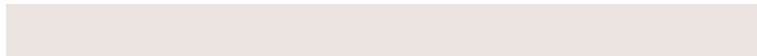
73.0768, 78.5308, 85.4173



75.4044, 78.5308, 89.5200

Complementary

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



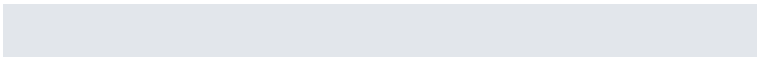
75.4589, 78.5308, 81.7019



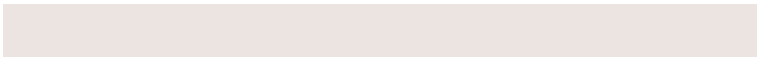
74.3117, 78.9961, 89.9293

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.



74.6099, 78.5308, 90.0984



75.4589, 78.5308, 81.7019



73.2697, 78.5308, 87.7037

Square

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



75.4589, 78.5308, 81.7019



73.3005, 78.5308, 83.1944



73.8294, 78.5308, 89.4278



75.9980, 78.5308, 87.8614

Rectangle

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



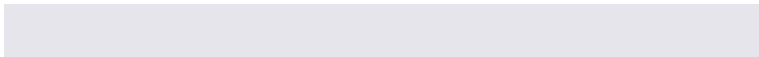
75.4589, 78.5308, 81.7019



74.1329, 78.5308, 81.3070



73.8294, 78.5308, 89.4278



75.1518, 78.5308, 89.8485

Sweetspot

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



75.4611, 78.5342, 81.7036



94.1269, 98.8065, 106.5803



75.3627, 76.7527, 86.5562



20.1568, 21.1612, 22.8370



0.0000, 0.0000, 0.0000



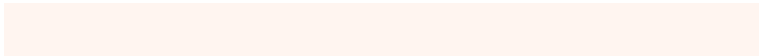
20.3446, 21.4041, 23.3091

Same Dimension

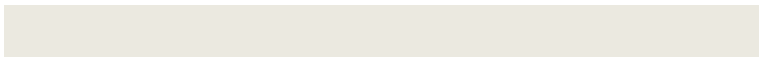
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.4611, 78.5342, 81.7036



89.6576, 93.0014, 95.4302



76.9546, 81.5212, 82.2014



15.9444, 16.5143, 16.8404



21.0104, 13.7151, 1.5399



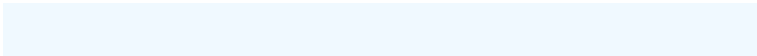
1.7386, 1.2545, 0.1505

Inverse Universe

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



74.3117, 78.9961, 89.9293



87.8924, 93.7107, 108.0633



72.8383, 76.0492, 89.4382



15.5987, 16.6532, 19.3145



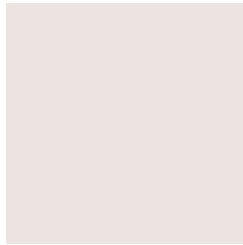
14.4930, 15.6330, 45.9966



1.2290, 1.4095, 3.6422

Previews

White Background



This preview shows how the XYZ color 75.4589, 78.5308, 81.7019 looks on a white background.

Color Contrast Check

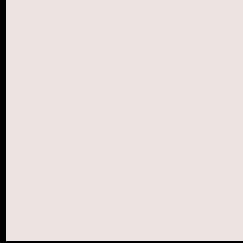
Large Text (above 18pt) WCAG AA × Fail

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 75.4589, 78.5308, 81.7019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

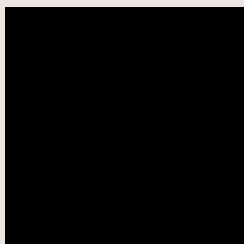
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

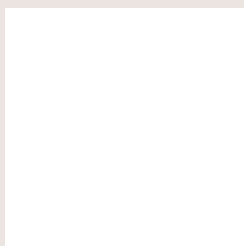
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.4589, 78.5308, 81.7019

Background



This preview shows how black text looks on a background with the XYZ color 75.4589, 78.5308, 81.7019.

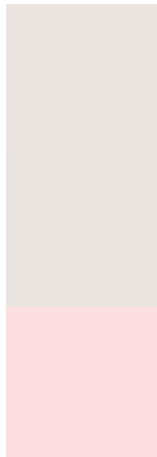


This preview shows how white text looks on a background with the XYZ color 75.4589, 78.5308,

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

75.4589, 78.5308, 81.7019

Protanopia

75.1296, 78.3610, 81.6864

Deuteranopia

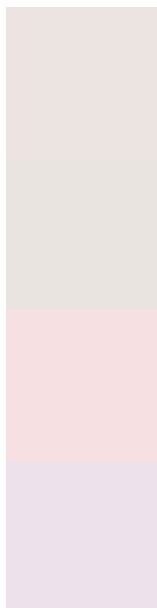
80.2199, 78.5614, 82.1700



Tritanopia

78.3628, 78.4986, 95.8156

Trichromacy



Original Color

75.4589, 78.5308, 81.7019

Protanomaly

75.1296, 78.3610, 81.6864

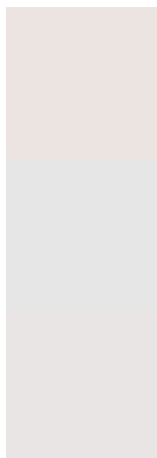
Deuteranomaly

78.2523, 78.3404, 82.2310

Tritanomaly

77.2617, 78.4534, 90.4278

Monochromacy



Original Color

75.4589, 78.5308, 81.7019

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.3016, 78.7959, 84.6391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4589, 78.5308, 81.7019 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(235, 228, 224) looks like.

```
.text, #text, p{  
    color:rgb(235, 228, 224)  
}
```

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(235, 228, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 228, 224) }
```

Border

The CSS property to change the border of an element to XYZ 75.4589, 78.5308, 81.7019 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(235, 228, 224) }
```


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

```
.border{ border-color:rgb(235, 228, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 228, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 228, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 228, 224);  
box-shadow:4px 4px 4px 4px rgb(235, 228,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4589, 78.5308, 81.7019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 228, 224) }
```

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

```
.background{ background-color: rgb(235,  
228, 224) }
```

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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