

Converting Colors

XYZ(75.1638, 77.1031, 79.3274)

Have a look what the booklet for
XYZ(75.1638, 77.1031, 79.3274)
contains.

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Color

**XYZ(75.2363, 77.2480,
79.3516)**

Conversions

Conversions Part 1

Format	Color
Hex	EEE1DD
RGB	238, 225, 221
RGB Percent	93%, 88%, 87%
CMY	0.0667, 0.1176, 0.1333
CMYK	0.00, 0.05, 0.07, 0.07
HSL	14°, 33%, 90%
HSV	14°, 7%, 93%
XYZ	75.2363, 77.2480, 79.3516
YIQ	228.4310, 9.0320, 1.5120

Conversions

Conversions Part 2

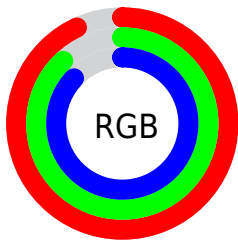
Format	Color
RYB	238, 226, 221
Decimal	15655389
CIELab	90.44, 3.75, 3.53
CIELCh	90, 5.147, 43.265
Yxy	77.2480, 0.3245, 0.3332
Android (android.graphics.Color)	4293845469 (0xFFEEE1DD)
YUV	228.4310, -3.6635, 8.3920
Hunter-Lab	87.8908, -1.0094, 7.9940

Details

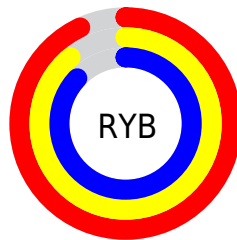
The XYZ color **75.2363, 77.2480, 79.3516** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.6742, 80.3897, 92.4710**, and the grayscale version is **74.0816, 77.9396, 84.8762**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5491, 41.4477, 41.9394** is the 20% darker color. If you saturate the color by 10%, you get **67.6286, 66.7520, 62.2645**, and if you desaturate by 10%, it is **83.8221, 88.9789, 98.9844**.

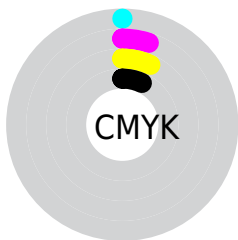
Distribution



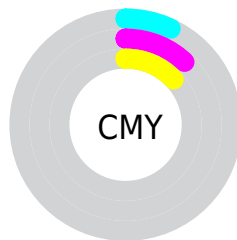
- Red (93%)
- Green (88%)
- Blue (87%)



- Red (93%)
- Yellow (89%)
- Blue (87%)



- Cyan (0%)
- Magenta (5%)
- Yellow (7%)
- Black (7%)



- Cyan (7%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.2363, 77.2480, 79.3516 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 75.2363, 77.2480, 79.3516 by changing the saturation by 10% instead.

75.2363, 77.2480,
79.3516

75.2363, 77.2480,
79.3516

467.7140,
485.6092, 512.3940

56.1014, 57.4564,
58.6619

125.6329,
129.4895, 134.2569

40.5215, 41.3718,
41.9228

157.6253,
162.7082, 169.3095

28.1314, 28.6097,
28.7157

194.6342,
201.1715, 209.9870

18.5657, 18.7858,
18.6222

237.0250,
245.2636, 256.7076

11.4590, 11.5156,
11.2235

285.1630,
295.3691, 309.8902

6.4460, 6.4148,
6.1013

339.4136,

3.1614, 3.0989,

351.8722, 369.9530

2.8370

400.1422,
415.1575, 437.3148

■ 1.2397, 1.1836,
1.0120

■ 0.1373, 0.0482,
0.0000

■ 75.2363, 77.2480,
79.3516

■ 75.2363, 77.2480,
79.3516

■ 67.6286, 66.7520,
62.2645

■ 83.8221, 88.9789,
98.9844

■ 60.9573, 57.4405,
47.6134

■ 89.0704, 96.9174,
108.6202

■ 55.1873, 49.2745,
35.2883

■ 50.2786, 42.2090,
25.1686

■ 46.1884, 36.1960,
17.1228

■ 42.8695, 31.1839,
11.0052

■ 40.2701, 27.1164,
6.6511

■ 38.3310, 23.9313,
3.8678

■ 36.9800, 21.5571,
2.4071

Harmonies

Analogous

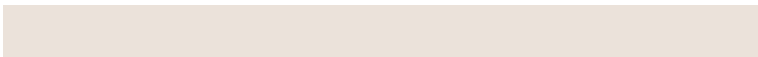
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.8537, 77.2480, 82.4963



75.2363, 77.2480, 79.3516



74.1358, 77.2480, 77.5123

Triad

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



75.2363, 77.2480, 79.3516



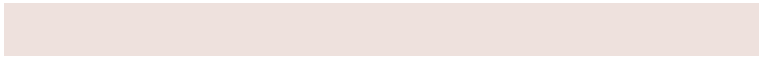
71.0805, 77.2480, 82.0883



73.9904, 77.2480, 91.1888

Complementary

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



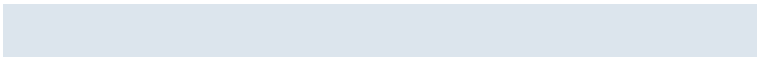
75.2363, 77.2480, 79.3516



74.6742, 80.3897, 92.4710

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.



72.7126, 77.2480, 91.0718



75.2363, 77.2480, 79.3516



71.0426, 77.2480, 85.7445

Square

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



75.2363, 77.2480, 79.3516



71.7411, 77.2480, 79.0604



71.6369, 77.2480, 89.0548



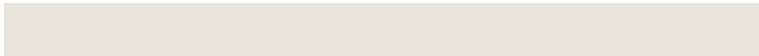
75.1288, 77.2480, 89.3700

Rectangle

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



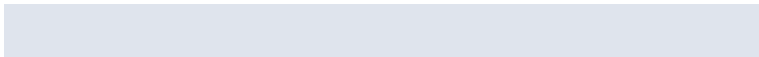
75.2363, 77.2480, 79.3516



73.2812, 77.2480, 77.2396



71.6369, 77.2480, 89.0548



73.5628, 77.2480, 91.3761

Sweetspot

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



75.2385, 77.2514, 79.3533



93.0084, 97.2135, 104.2223



75.9735, 75.8337, 88.5012



19.9290, 20.8369, 22.3569



0.0000, 0.0000, 0.0000



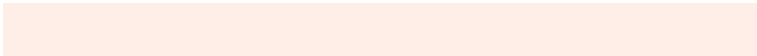
20.3446, 21.4041, 23.3091

Same Dimension

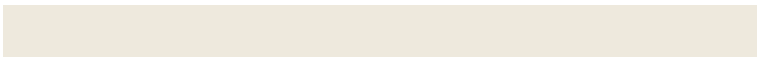
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.2385, 77.2514, 79.3533



86.2288, 87.9215, 88.8070



77.5834, 81.9412, 80.1349



16.0750, 16.3631, 16.4609



20.5442, 11.8865, 1.2115



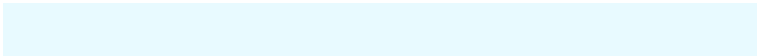
1.7831, 1.1370, 0.1255

Inverse Universe

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



74.6742, 80.3897, 92.4710



85.4047, 92.5037, 107.9614



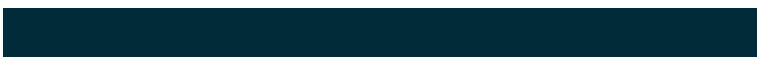
72.3222, 75.6856, 91.6870



15.9135, 17.2610, 20.2146



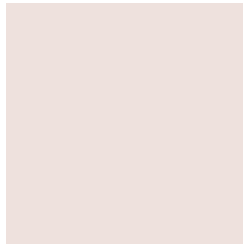
18.0401, 22.3045, 48.4823



1.5760, 2.0060, 4.0584

Previews

White Background



This preview shows how the XYZ color 75.2363, 77.2480, 79.3516 looks on a white background.

Color Contrast Check

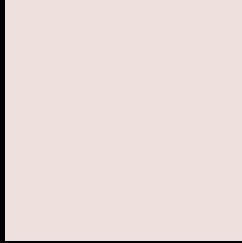
Large Text (above 18pt) WCAG AA × Fail

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 75.2363, 77.2480, 79.3516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

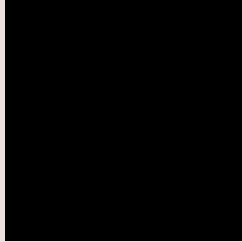
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

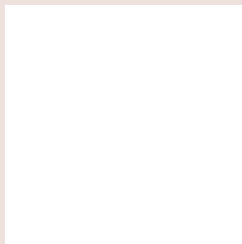
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.2363, 77.2480, 79.3516

Background



This preview shows how black text looks on a background with the XYZ color 75.2363, 77.2480, 79.3516.



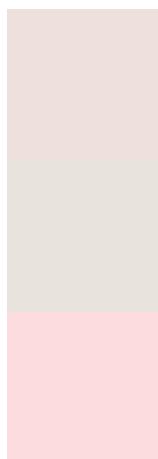
This preview shows how white text looks on a background with the XYZ color 75.2363, 77.2480,

79.3516.

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

75.2363, 77.2480, 79.3516

Protanopia

74.2582, 77.5357, 80.1593

Deuteranopia

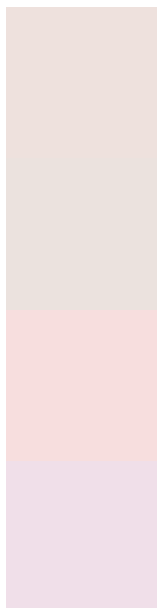
78.9229, 77.1558, 79.8401



Tritanopia

78.1251, 77.2346, 93.2282

Trichromacy



Original Color

75.2363, 77.2480, 79.3516

Protanomaly

74.6421, 77.3288, 80.0991

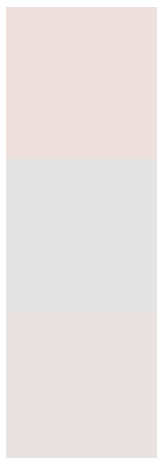
Deuteranomaly

77.6639, 77.2906, 79.9325

Tritanomaly

77.0308, 77.1838, 87.9288

Monochromacy



Original Color

75.2363, 77.2480, 79.3516

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 75.2363, 77.2480, 79.3516 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(238, 225, 221) looks like.

```
.text, #text, p{  
    color:rgb(238, 225, 221)  
}
```

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(238, 225, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 225, 221) }
```

Border

The CSS property to change the border of an element to XYZ 75.2363, 77.2480, 79.3516 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(238, 225, 221) }
```


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

```
.border{ border-color:rgb(238, 225, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 225, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 225, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 225, 221);  
box-shadow:4px 4px 4px 4px rgb(238, 225,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2363, 77.2480, 79.3516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 225, 221) }
```

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

```
.background{ background-color: rgb(238,  
225, 221) }
```

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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