

Converting Colors

XYZ(76.0500, 78.0705, 84.8435)

Have a look what the booklet for
XYZ(76.0500, 78.0705, 84.8435)
contains.

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Color

**XYZ(75.9313, 77.8827,
85.1596)**

Conversions

Conversions Part 1

Format	Color
Hex	ECE2E5
RGB	236, 226, 229
RGB Percent	93%, 89%, 90%
CMY	0.0745, 0.1137, 0.1020
CMYK	0.00, 0.04, 0.03, 0.07
HSL	342°, 21%, 91%
HSV	342°, 4%, 93%
XYZ	75.9313, 77.8827, 85.1596
YIQ	229.3320, 4.9970, 3.0530

Conversions

Conversions Part 2

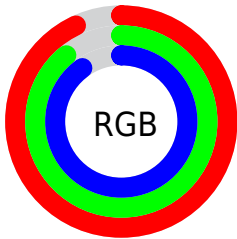
Format	Color
R _Y B	236, 226, 229
Decimal	15524581
CIE Lab	90.73, 3.92, -0.26
CIE LCh	91, 3.924, 356.215
Yxy	77.8827, 0.3177, 0.3259
Android (android.graphics.Color)	4293714661 (0xFFECE2E5)
YUV	229.3320, -0.1637, 5.8478
Hunter-Lab	88.2512, -0.8582, 4.5628

Details

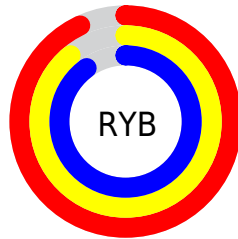
The XYZ color **75.9313, 77.8827, 85.1596** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.0704, 82.0449, 88.9218**, and the grayscale version is **74.7211, 78.6124, 85.6089**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0253, 41.8851, 45.9668** is the 20% darker color. If you saturate the color by 10%, you get **67.7520, 65.0422, 71.5854**, and if you desaturate by 10%, it is **85.2180, 92.5844, 100.1887**.

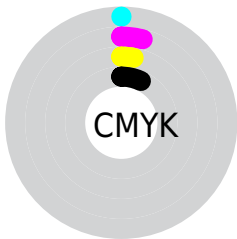
Distribution



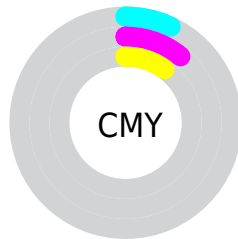
- Red (93%)
- Green (89%)
- Blue (90%)



- Red (93%)
- Yellow (89%)
- Blue (90%)



- Cyan (0%)
- Magenta (4%)
- Yellow (3%)
- Black (7%)



- Cyan (7%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.9313, 77.8827, 85.1596 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 75.9313, 77.8827, 85.1596 by changing the saturation by 10% instead.

75.9313, 77.8827,
85.1596

75.9313, 77.8827,
85.1596

470.0605,
487.7684, 532.3144

56.6730, 57.9776,
63.4224

126.6107,
130.3848, 142.4723

40.9819, 41.7907,
45.7398

158.7625,
163.7505, 178.8848

28.4926, 28.9374,
31.6933

195.9428,
202.3720, 221.0262

18.8396, 19.0335,
20.8645

238.5171,
246.6335, 269.3149

11.6578, 11.6945,
12.8347

286.8507,
296.9195, 324.1695

6.5816, 6.5360,
7.1854

341.3088,

3.2458, 3.1737,

353.6144, 386.0086

3.4981

402.2570,
417.1026, 455.2507

■ 1.2851, 1.2231,
1.3543

■ 0.1720, 0.0804,
0.1057

■ 75.9313, 77.8827,
85.1596

■ 75.9313, 77.8827,
85.1596

■ 67.7520, 65.0422,
71.5854

■ 85.2180, 92.5844,
100.1887

■ 60.6316, 53.9785,
59.4170

■ 88.4026, 96.5731,
108.5889

■ 54.5275, 44.6159,
48.6097

■ 49.3918, 36.8693,
39.1144

■ 45.1727, 30.6461,
30.8792

■ 41.8131, 25.8442,
23.8482

■ 39.2493, 22.3491,
17.9612

■ 37.4083, 20.0281,
13.1519

■ 36.2020, 18.7197,
9.3455

Harmonies

Analogous

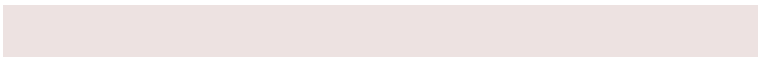
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.6106, 77.8827, 87.8534



75.9313, 77.8827, 85.1596



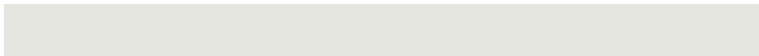
75.7375, 77.8827, 82.4272

Triad

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



75.9313, 77.8827, 85.1596



73.1916, 77.8827, 80.0269



72.9769, 77.8827, 89.3900

Complementary

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



75.9313, 77.8827, 85.1596



76.0704, 82.0449, 88.9218

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.



72.3388, 77.8827, 87.2200



75.9313, 77.8827, 85.1596



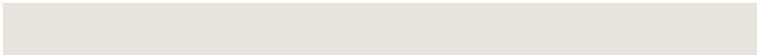
72.4620, 77.8827, 81.8201

Square

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



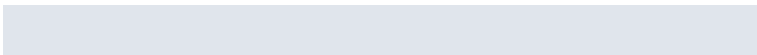
75.9313, 77.8827, 85.1596



74.1503, 77.8827, 79.5026



72.1512, 77.8827, 84.4434



73.9002, 77.8827, 90.3298

Rectangle

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



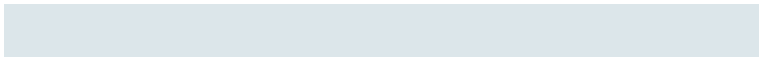
75.9313, 77.8827, 85.1596



75.3436, 77.8827, 80.9447



72.1512, 77.8827, 84.4434



72.7222, 77.8827, 88.7779

Sweetspot

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



75.9335, 77.8861, 85.1613



93.9557, 98.2693, 107.1235



75.9436, 77.7760, 90.3676



20.1219, 21.0519, 22.9476



0.0000, 0.0000, 0.0000



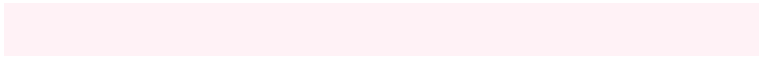
20.3446, 21.4041, 23.3091

Same Dimension

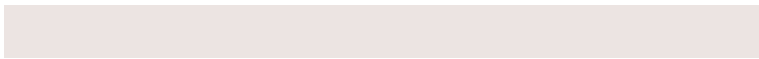
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.9335, 77.8861, 85.1613



89.7121, 91.5714, 100.1930



76.0655, 78.8138, 83.1590



15.9261, 16.1894, 17.7234



19.7399, 10.0986, 4.4316



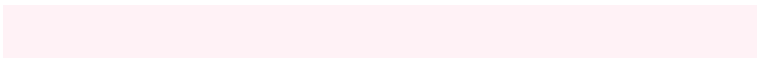
1.5912, 0.8094, 0.5646

Inverse Universe

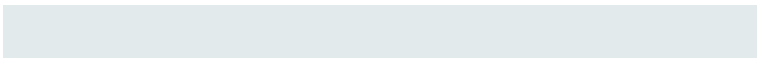
The Inverse Universe completely reimagines the original color for something new.



75.9335, 77.8861, 85.1613



89.7121, 91.5714, 100.1930



75.9298, 81.0728, 91.0047



15.9261, 16.1894, 17.7234



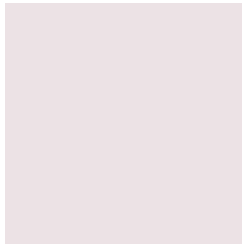
19.7399, 10.0986, 4.4316



1.5912, 0.8094, 0.5646

Previews

White Background



This preview shows how the XYZ color 75.9313, 77.8827, 85.1596 looks on a white background.

Color Contrast Check

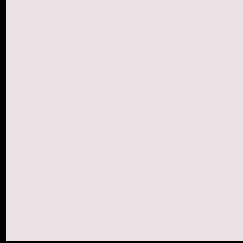
Large Text (above 18pt) WCAG AA × Fail

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 75.9313, 77.8827, 85.1596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

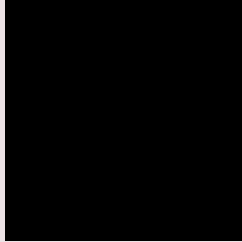
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

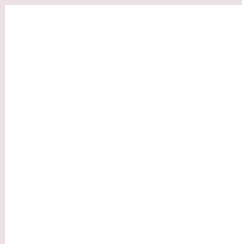
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.9313, 77.8827, 85.1596

Background



This preview shows how black text looks on a background with the XYZ color 75.9313, 77.8827, 85.1596.



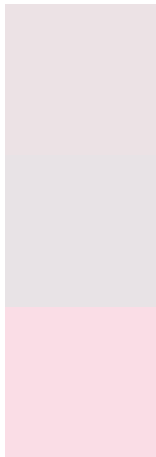
This preview shows how white text looks on a background with the XYZ color 75.9313, 77.8827,

85.1596.

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

75.9313, 77.8827, 85.1596

Protanopia

75.0307, 77.8071, 85.9266

Deuteranopia

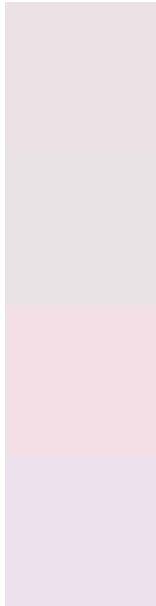
79.5637, 77.7501, 85.6767



Tritanopia

77.9426, 77.8993, 94.9324

Trichromacy



Original Color

75.9313, 77.8827, 85.1596

Protanomaly

75.3563, 77.9750, 85.9419

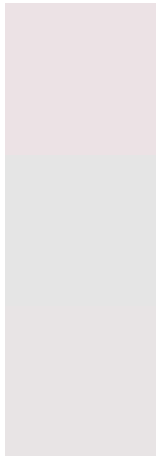
Deuteranomaly

78.3268, 77.9010, 85.7710

Tritanomaly

77.1363, 77.9694, 91.1048

Monochromacy



Original Color

75.9313, 77.8827, 85.1596

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.1650, 78.2998, 85.2805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9313, 77.8827, 85.1596 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(236, 226, 229) looks like.

```
.text, #text, p{  
    color:rgb(236, 226, 229)  
}
```

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(236, 226, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 226, 229) }
```

Border

The CSS property to change the border of an element to XYZ 75.9313, 77.8827, 85.1596 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(236, 226, 229) }
```


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

```
.border{ border-color:rgb(236, 226, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 226, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 226, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 226, 229);  
box-shadow:4px 4px 4px 4px rgb(236, 226,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9313, 77.8827, 85.1596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 226, 229) }
```

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

```
.background{ background-color: rgb(236,  
226, 229) }
```

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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