

Converting Colors

XYZ(75.8271, 78.4833, 86.2437)

Have a look what the booklet for
XYZ(75.8271, 78.4833, 86.2437)
contains.

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Color

**XYZ(75.9580, 78.6924,
86.0486)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE4E6
RGB	234, 228, 230
RGB Percent	92%, 89%, 90%
CMY	0.0823, 0.1059, 0.0980
CMYK	0.00, 0.03, 0.02, 0.08
HSL	340°, 12%, 91%
HSV	340°, 3%, 92%
XYZ	75.9580, 78.6924, 86.0486
YIQ	230.0220, 2.9340, 1.8940

Conversions

Conversions Part 2

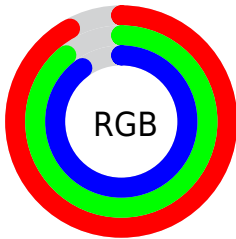
Format	Color
R_{YB}	234, 228, 230
Decimal	15394022
CIE Lab	91.09, 2.38, -0.26
CIE LCh	91, 2.395, 353.708
Yxy	78.6924, 0.3156, 0.3269
Android (android.graphics.Color)	4293584102 (0xFFEAE4E6)
YUV	230.0220, -0.0108, 3.4887
Hunter-Lab	88.7087, -2.3974, 4.5841

Details

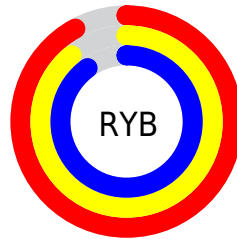
The XYZ color **75.9580, 78.6924, 86.0486** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.9862, 81.1678, 88.0101**, and the grayscale version is **75.2305, 79.1484, 86.1926**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0415, 42.4473, 46.5875** is the 20% darker color. If you saturate the color by 10%, you get **67.8568, 65.8418, 73.0128**, and if you desaturate by 10%, it is **85.1313, 93.3708, 100.4124**.

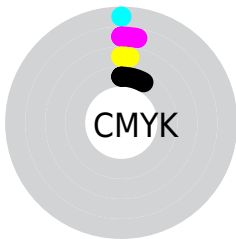
Distribution



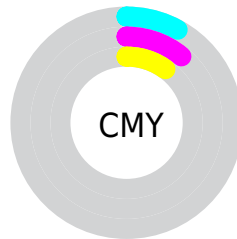
- Red (92%)
- Green (89%)
- Blue (90%)



- Red (92%)
- Yellow (89%)
- Blue (90%)



- Cyan (0%)
- Magenta (3%)
- Yellow (2%)
- Black (8%)



- Cyan (8%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.9580, 78.6924, 86.0486 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 75.9580, 78.6924, 86.0486 by changing the saturation by 10% instead.

75.9580, 78.6924,
86.0486

75.9580, 78.6924,
86.0486

470.1505,
490.5151, 535.3263

56.6950, 58.6429,
64.1530

126.6482,
131.5257, 143.7244

40.9996, 42.3258,
46.3277

158.8061,
165.0784, 180.3418

28.5064, 29.3564,
32.1539

195.9931,
203.9009, 222.7035

18.8502, 19.3506,
21.2133

238.5744,
248.3777, 271.2281

11.6654, 11.9239,
13.0873

286.9154,
298.8931, 326.3342

6.5869, 6.6919,
7.3572

341.3816,

3.2491, 3.2702,

355.8315, 388.4402

3.6047

402.3381,
419.5774, 457.9647

■ 1.2868, 1.2744,
1.4111

■ 0.1733, 0.1212,
0.1503

■ 75.9580, 78.6924,
86.0486

■ 75.9580, 78.6924,
86.0486

■ 67.8568, 65.8418,
73.0128

■ 85.1313, 93.3708,
100.4124

■ 60.7811, 54.7373,
61.2612

■ 87.7422, 96.2327,
108.5580

■ 54.6908, 45.3059,
50.7550

■ 49.5402, 37.4658,
41.4516

■ 45.2804, 31.1279,
33.3056

■ 41.8575, 26.1946,
26.2688

■ 39.2116, 22.5564,
20.2890

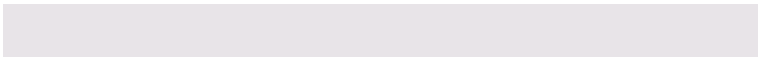
■ 37.2742, 20.0874,
15.3090

■ 35.9635, 18.6360,
11.2648

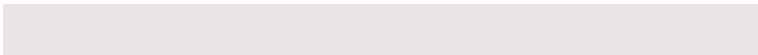
Harmonies

Analogous

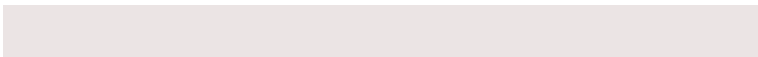
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.7371, 78.6924, 87.6715



75.9580, 78.6924, 86.0486



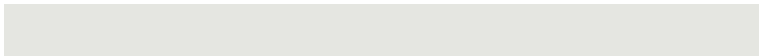
75.8659, 78.6924, 84.3490

Triad

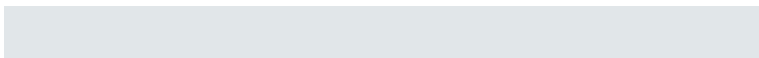
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.9580, 78.6924, 86.0486



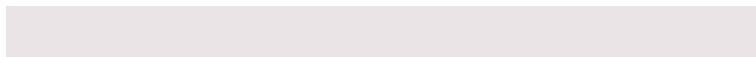
74.3276, 78.6924, 82.6658



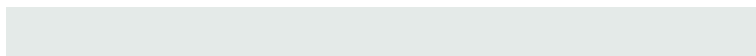
74.1077, 78.6924, 88.3984

Complementary

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



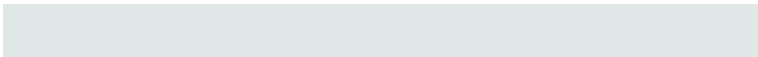
75.9580, 78.6924, 86.0486



75.9862, 81.1678, 88.0101

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.



73.7338, 78.6924, 87.0303



75.9580, 78.6924, 86.0486



73.8603, 78.6924, 83.7241

Square

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



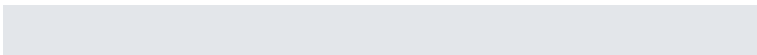
75.9580, 78.6924, 86.0486



74.9224, 78.6924, 82.4109



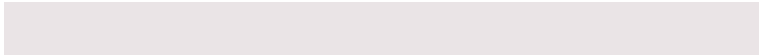
73.6435, 78.6924, 85.3177



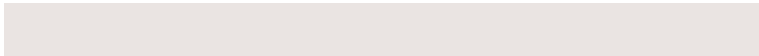
74.6672, 78.6924, 89.0399

Rectangle

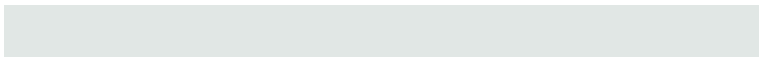
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



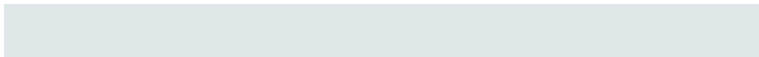
75.9580, 78.6924, 86.0486



75.6395, 78.6924, 83.3992



73.6435, 78.6924, 85.3177



73.9563, 78.6924, 88.0074

Sweetspot

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



75.9602, 78.6958, 86.0503



93.9692, 98.2747, 107.1945



75.8760, 78.5867, 89.0126



20.1247, 21.0530, 22.9620



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

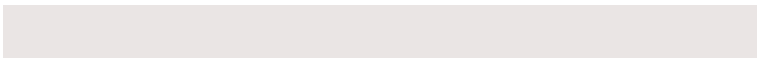
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.9602, 78.6958, 86.0503



91.8470, 94.8914, 103.8325



75.9572, 79.1357, 84.6742



16.2849, 16.7445, 18.3440



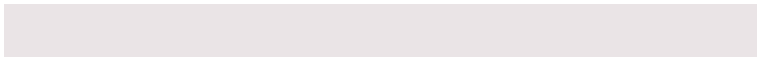
19.8905, 10.1589, 5.2249



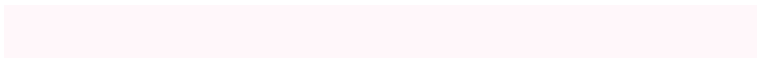
1.6050, 0.8150, 0.6376

Inverse Universe

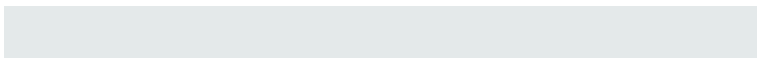
The Inverse Universe completely reimagines the original color for something new.



75.9602, 78.6958, 86.0503



91.8470, 94.8914, 103.8325



75.9877, 80.7145, 89.4175



16.2849, 16.7445, 18.3440



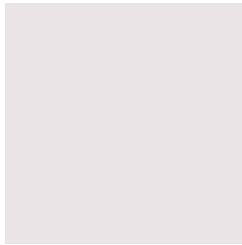
19.8905, 10.1589, 5.2249



1.6050, 0.8150, 0.6376

Previews

White Background



This preview shows how the XYZ color 75.9580, 78.6924, 86.0486 looks on a white background.

Color Contrast Check

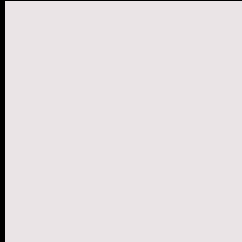
Large Text (above 18pt) WCAG AA × Fail

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 75.9580, 78.6924, 86.0486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

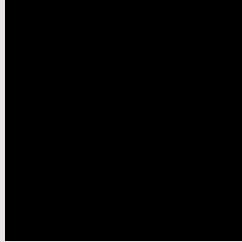
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

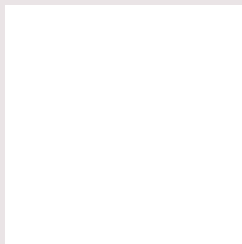
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.9580, 78.6924, 86.0486

Background



This preview shows how black text looks on a background with the XYZ color 75.9580, 78.6924, 86.0486.



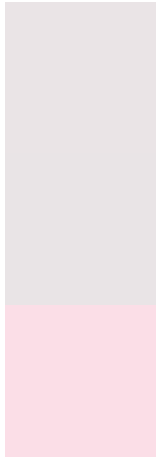
This preview shows how white text looks on a background with the XYZ color 75.9580, 78.6924,

86.0486.

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

75.9580, 78.6924, 86.0486

Protanopia

75.6306, 78.5236, 86.0333

Deuteranopia

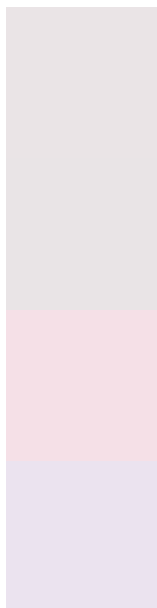
80.3287, 78.5213, 86.5237



Tritanopia

78.1176, 78.7572, 96.6724

Trichromacy



Original Color

75.9580, 78.6924, 86.0486

Protanomaly

75.6306, 78.5236, 86.0333

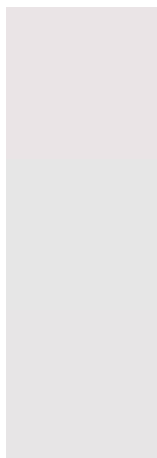
Deuteranomaly

78.7356, 78.4933, 86.6022

Tritanomaly

77.3100, 78.8323, 92.8028

Monochromacy



Original Color

75.9580, 78.6924, 86.0486

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.2572, 78.7407, 86.0949

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9580, 78.6924, 86.0486 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(234, 228, 230) looks like.

```
.text, #text, p{  
    color:rgb(234, 228, 230)  
}
```

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(234, 228, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 228, 230) }
```

Border

The CSS property to change the border of an element to XYZ 75.9580, 78.6924, 86.0486 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(234, 228, 230) }
```


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

```
.border{ border-color:rgb(234, 228, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 228, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 228, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 228, 230);  
box-shadow:4px 4px 4px 4px rgb(234, 228,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9580, 78.6924, 86.0486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 228, 230) }
```

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

```
.background{ background-color: rgb(234,  
228, 230) }
```

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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