

Converting Colors

XYZ(76.6734, 79.8509, 86.1668)

Have a look what the booklet for
XYZ(76.6734, 79.8509, 86.1668)
contains.

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Color

**XYZ(76.8407, 79.9690,
86.2485)**

Conversions

Conversions Part 1

Format	Color
Hex	EBE6E6
RGB	235, 230, 230
RGB Percent	92%, 90%, 90%
CMY	0.0784, 0.0980, 0.0980
CMYK	0.00, 0.02, 0.02, 0.08
HSL	0°, 11%, 91%
HSV	0°, 2%, 92%
XYZ	76.8407, 79.9690, 86.2485
YIQ	231.4950, 2.9800, 1.0600

Conversions

Conversions Part 2

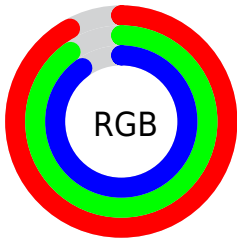
Format	Color
R _Y B	235, 230, 230
Decimal	15460070
CIE Lab	91.67, 1.69, 0.59
CIE LCh	92, 1.788, 19.188
Yxy	79.9690, 0.3161, 0.3290
Android (android.graphics.Color)	4293650150 (0xFFE6E6)
YUV	231.4950, -0.7370, 3.0739
Hunter-Lab	89.4254, -3.1144, 5.4141

Details

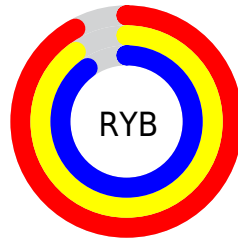
The XYZ color **76.8407, 79.9690, 86.2485** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.3368, 82.2366, 90.3955**, and the grayscale version is **76.3302, 80.3053, 87.4525**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.6582, 43.3388, 46.7270** is the 20% darker color. If you saturate the color by 10%, you get **67.6609, 66.5388, 67.9896**, and if you desaturate by 10%, it is **87.3502, 95.3444, 107.1476**.

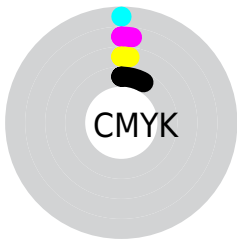
Distribution



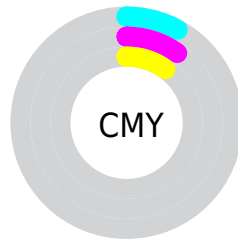
- Red (92%)
- Green (90%)
- Blue (90%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.8407, 79.9690, 86.2485 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 76.8407, 79.9690, 86.2485 by changing the saturation by 10% instead.

■ 76.8407, 79.9690,
86.2485

■ 76.8407, 79.9690,
86.2485

473.1210,
494.8284, 536.0022

■ 57.4216, 59.6928,
64.3174

127.8886,
133.3221, 144.0058

■ 41.5853, 43.1711,
46.4600

160.2482,
167.1679, 180.6691

■ 28.9664, 30.0194,
32.2577

197.6519,
206.3057, 223.0803

■ 19.1996, 19.8533,
21.2919

240.4652,
251.1199, 271.6578

■ 11.9194, 12.2885,
13.1442

289.0534,
301.9948, 326.8202

■ 6.7606, 6.9404,
7.3961

343.7819,

■ 3.3579, 3.4249,

359.3150, 388.9860

3.6288

405.0159,
423.4647, 458.5739

■ 1.3457, 1.3574,
1.4240

■ 0.2170, 0.1850,
0.1603

■ 76.8407, 79.9690,
86.2485

■ 76.8407, 79.9690,
86.2485

■ 67.6609, 66.5388,
67.9896

■ 87.3502, 95.3444,
107.1476

■ 59.7514, 54.9665,
52.2608

■ 88.0714, 96.4024,
108.5734

■ 53.0582, 45.1734,
38.9522

■ 47.5212, 37.0715,
27.9438

■ 43.0748, 30.5650,
19.1052

■ 39.6470, 25.5485,
12.2931

■ 37.1574, 21.9043,
7.3469

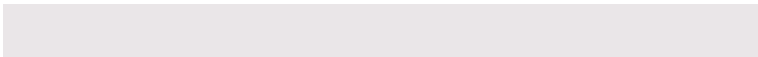
■ 35.5130, 19.4968,
4.0820

■ 34.6022, 18.1627,
2.2760

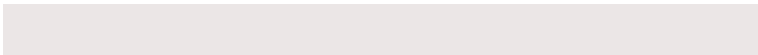
Harmonies

Analogous

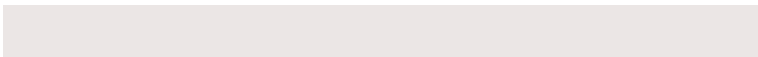
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.8741, 79.9690, 87.5454



76.8407, 79.9690, 86.2485



76.5836, 79.9690, 85.1826

Triad

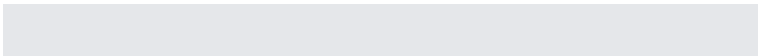
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.8407, 79.9690, 86.2485



75.3453, 79.9690, 85.4389



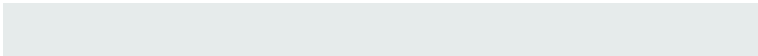
75.8435, 79.9690, 89.5669

Complementary

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



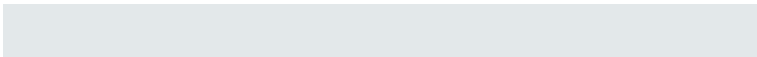
76.8407, 79.9690, 86.2485



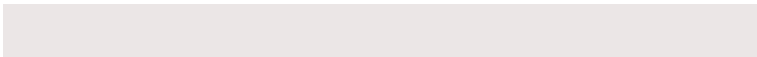
77.3368, 82.2366, 90.3955

Split Complementary

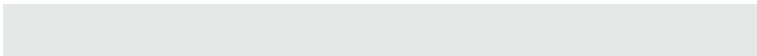
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.4355, 79.9690, 88.9904



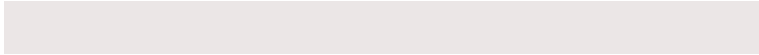
76.8407, 79.9690, 86.2485



75.1486, 79.9690, 86.6016

Square

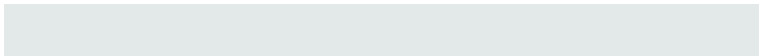
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



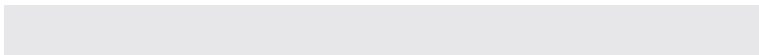
76.8407, 79.9690, 86.2485



75.7198, 79.9690, 84.7184



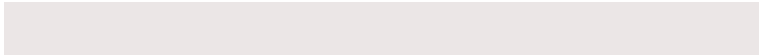
75.1816, 79.9690, 87.9020



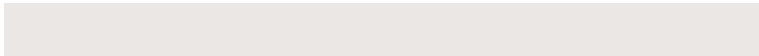
76.2972, 79.9690, 89.4701

Rectangle

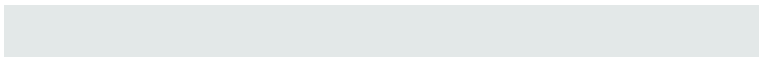
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



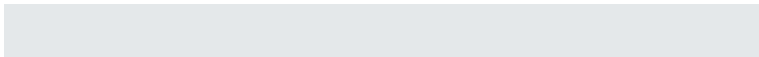
76.8407, 79.9690, 86.2485



76.3206, 79.9690, 84.7424



75.1816, 79.9690, 87.9020



75.6965, 79.9690, 89.4452

Sweetspot

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



76.8430, 79.9725, 86.2502



93.8347, 98.2219, 106.4829



77.5543, 80.2552, 90.0016



20.0973, 21.0423, 22.8172



0.0000, 0.0000, 0.0000



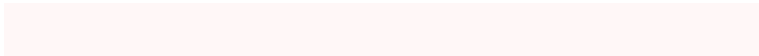
20.3446, 21.4041, 23.3091

Same Dimension

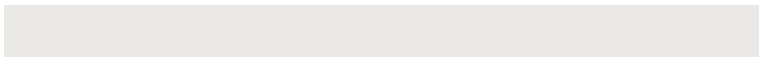
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.8430, 79.9725, 86.2502



91.4524, 94.7367, 101.7451



77.5426, 81.3716, 86.4834



16.1970, 16.7100, 17.8790



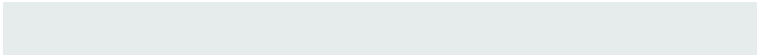
19.0694, 9.8330, 0.8929



1.4978, 0.7728, 0.0702

Inverse Universe

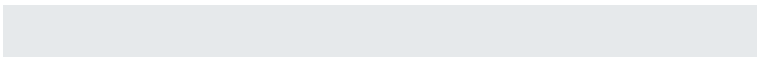
The Inverse Universe completely reimagines the original color for something new.



77.3368, 82.2366, 90.3955



92.2893, 98.5738, 108.7702



76.6272, 80.8175, 90.1590



16.3841, 17.5679, 19.4497



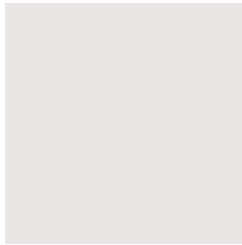
24.8495, 36.3459, 49.4487



1.9516, 2.8547, 3.8830

Previews

White Background



This preview shows how the XYZ color 76.8407, 79.9690, 86.2485 looks on a white background.

Color Contrast Check

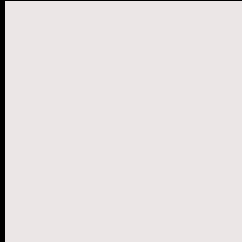
Large Text (above 18pt) WCAG AA × Fail

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 76.8407, 79.9690, 86.2485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

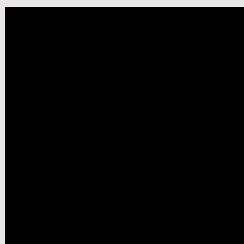
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

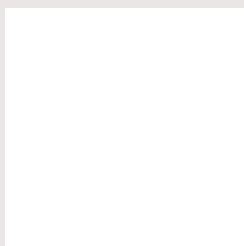
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.8407, 79.9690, 86.2485

Background



This preview shows how black text looks on a background with the XYZ color 76.8407, 79.9690, 86.2485.



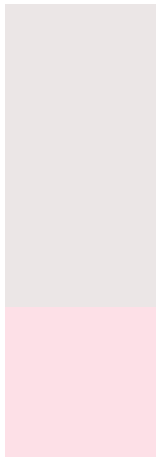
This preview shows how white text looks on a background with the XYZ color 76.8407, 79.9690,

86.2485.

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

76.8407, 79.9690, 86.2485

Protanopia

76.8407, 79.9690, 86.2485

Deuteranopia

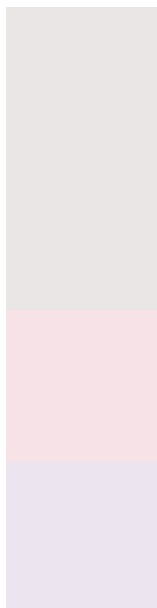
81.5875, 79.9635, 86.7357



Tritanopia

79.3030, 80.1452, 98.4786

Trichromacy



Original Color

76.8407, 79.9690, 86.2485

Protanomaly

76.8407, 79.9690, 86.2485

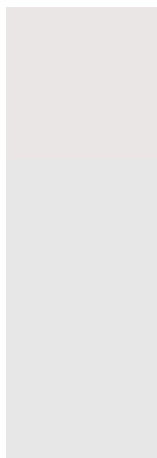
Deuteranomaly

79.6262, 79.7551, 86.7988

Tritanomaly

78.3396, 80.1628, 93.7821

Monochromacy



Original Color

76.8407, 79.9690, 86.2485

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.2784, 80.0772, 87.0374

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.8407, 79.9690, 86.2485 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, 230, 230) looks like.

```
.text, #text, p{  
    color:rgb(235, 230, 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(235, 230, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 230, 230) }
```

Border

The CSS property to change the border of an element to XYZ 76.8407, 79.9690, 86.2485 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, 230, 230) }
```


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

```
.border{ border-color:rgb(235, 230, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 230, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 230, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 230, 230);  
box-shadow:4px 4px 4px 4px rgb(235, 230,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 76.8407, 79.9690, 86.2485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 230, 230) }
```

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

```
.background{ background-color: rgb(235,  
230, 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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