

Converting Colors

XYZ(74.6135, 78.8531, 84.6864)

Have a look what the booklet for
XYZ(74.6135, 78.8531, 84.6864)
contains.

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Color

**XYZ(74.6135, 78.8531,
84.6864)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E6E4
RGB	229, 230, 228
RGB Percent	90%, 90%, 89%
CMY	0.1020, 0.0980, 0.1059
CMYK	0.00, 0.00, 0.01, 0.10
HSL	90°, 4%, 90%
HSV	90°, 1%, 90%
XYZ	74.6135, 78.8531, 84.6864
YIQ	229.4730, 0.0460, -0.8340

Conversions

Conversions Part 2

Format	Color
R _Y B	228, 230, 229
Decimal	15066852
CIE Lab	91.17, -0.69, 0.84
CIE LCh	91, 1.088, 129.153
Yxy	78.8531, 0.3133, 0.3311
Android (android.graphics.Color)	4293256932 (0xFFE5E6E4)
YUV	229.4730, -0.7262, -0.4148
Hunter-Lab	88.7993, -5.4143, 5.6156

Details

The XYZ color **74.6135, 78.8531, 84.6864** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.3425, 77.8601, 85.9772**, and the grayscale version is **74.8316, 78.7287, 85.7356**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3284, 42.6757, 45.6469** is the 20% darker color. If you saturate the color by 10%, you get **68.0750, 75.8294, 68.8069**, and if you desaturate by 10%, it is **81.8255, 82.1794, 102.8181**.

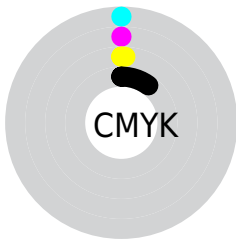
Distribution



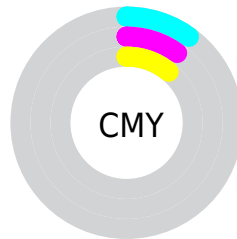
- Red (90%)
- Green (90%)
- Blue (89%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (10%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.6135, 78.8531, 84.6864 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 74.6135, 78.8531, 84.6864 by changing the saturation by 10% instead.

■ 74.6135, 78.8531,
84.6864

■ 74.6135, 78.8531,
84.6864

465.6057,
491.0592, 530.7073

■ 55.5894, 58.7750,
63.0336

124.7559,
131.7520, 141.8052

■ 40.1095, 42.4321,
45.4272

156.6050,
165.3417, 178.1083

■ 27.8085, 29.4397,
31.4487

193.4597,
204.2040, 220.1320

■ 18.3211, 19.4137,
20.6794

235.6854,
248.7234, 268.2948

■ 11.2818, 11.9696,
12.7009

283.6475,
299.2842, 323.0151

■ 6.3254, 6.7230,
7.0946

337.7114,

■ 3.0865, 3.2895,

356.2708, 384.7116

3.4420

398.2423,
420.0677, 453.8029

■ 1.1997, 1.2847,
1.3245

■ 0.1061, 0.1293,
0.0818

■ 74.6135, 78.8531,
84.6864

■ 74.6135, 78.8531,
84.6864

■ 68.0750, 75.8294,
68.8069

■ 81.8255, 82.1794,
102.8181

■ 62.1820, 73.0890,
55.0865

■ 86.5119, 84.5218,
106.3624

■ 56.9141, 70.6258,
43.4333

■ 87.5884, 85.0767,
106.4128

■ 52.2473, 68.4295,
33.7468

■ 48.1556, 66.4892,
25.9181

■ 44.6113, 64.7932,
19.8275

■ 41.5833, 63.3283,
15.3418

■ 39.0369, 62.0801,
12.3078

■ 36.9316, 61.0317,
10.5431

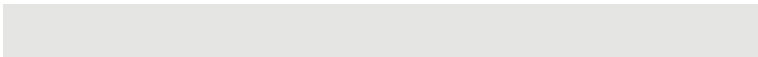
Harmonies

Analogous

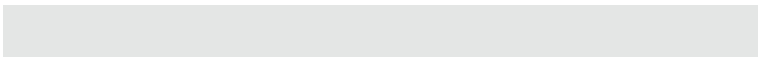
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.8633, 78.8531, 84.3684



74.6135, 78.8531, 84.6864



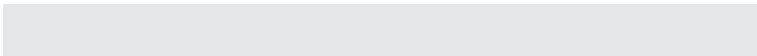
74.4535, 78.8531, 85.3188

Triad

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



74.6135, 78.8531, 84.6864



74.7591, 78.8531, 87.2834



75.4718, 78.8531, 85.6165

Complementary

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



74.6135, 78.8531, 84.6864



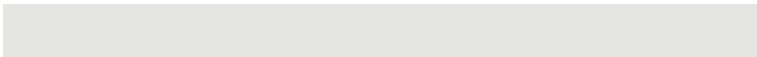
74.3425, 77.8601, 85.9772

Split Complementary

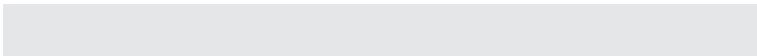
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.4437, 78.8531, 86.3987



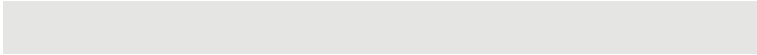
74.6135, 78.8531, 84.6864



75.0318, 78.8531, 87.3643

Square

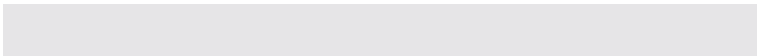
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



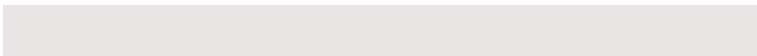
74.6135, 78.8531, 84.6864



74.5374, 78.8531, 86.8192



75.2825, 78.8531, 87.0396



75.3591, 78.8531, 84.9032

Rectangle

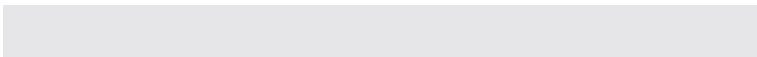
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.6135, 78.8531, 84.6864



74.4190, 78.8531, 85.8352



75.2825, 78.8531, 87.0396



75.4785, 78.8531, 85.8801

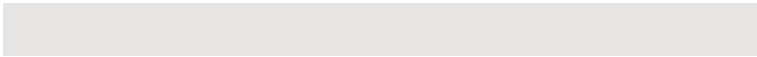
Sweetspot

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



74.6157, 78.8565, 84.6881

95.0500, 100.0000, 108.9000



74.6590, 78.4660, 84.6105



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

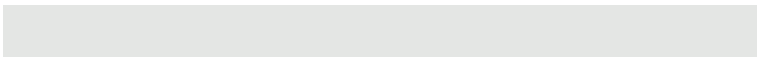
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.6157, 78.8565, 84.6881



94.1736, 99.5953, 106.7301



74.2976, 78.6925, 84.6732



16.0792, 16.9996, 18.2350



20.1455, 34.1669, 5.5331



1.5958, 2.5800, 0.4139

Inverse Universe

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



74.3425, 77.8601, 85.9772



93.7754, 98.1433, 108.6088



74.6625, 78.0251, 85.9922



16.0153, 16.7665, 18.5365



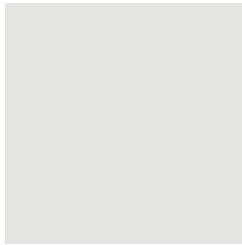
12.2485, 5.3802, 42.7761



1.0123, 0.4528, 3.1660

Previews

White Background



This preview shows how the XYZ color 74.6135, 78.8531, 84.6864 looks on a white background.

Color Contrast Check

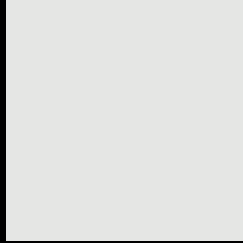
Large Text (above 18pt) WCAG AA × Fail

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 74.6135, 78.8531, 84.6864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

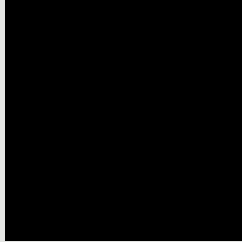
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

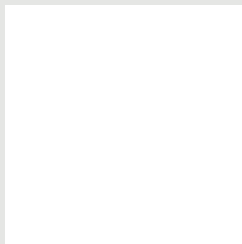
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.6135, 78.8531, 84.6864

Background



This preview shows how black text looks on a background with the XYZ color 74.6135, 78.8531, 84.6864.



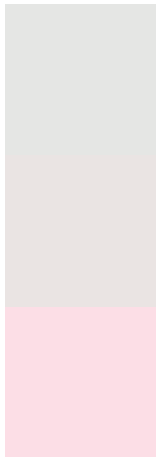
This preview shows how white text looks on a background with the XYZ color 74.6135, 78.8531,

84.6864.

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

74.6135, 78.8531, 84.6864

Protanopia

75.5402, 78.5253, 83.8485

Deuteranopia

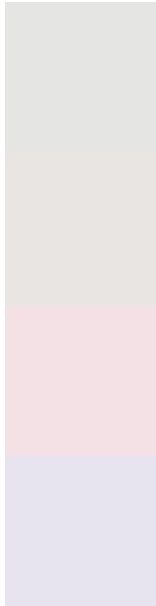
80.5491, 78.6512, 85.7987



Tritanopia

77.2292, 78.6865, 97.5038

Trichromacy



Original Color

74.6135, 78.8531, 84.6864

Protanomaly

75.1632, 78.7405, 83.9100

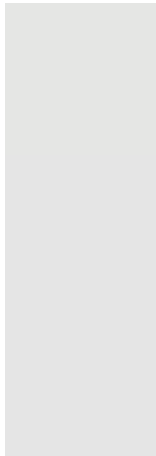
Deuteranomaly

78.3763, 78.7407, 85.1963

Tritanomaly

76.2784, 78.7077, 92.8332

Monochromacy



Original Color

74.6135, 78.8531, 84.6864

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.4753, 78.3538, 85.3273

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6135, 78.8531, 84.6864 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(229, 230, 228) looks like.

```
.text, #text, p{  
    color:rgb(229, 230, 228)  
}
```

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(229, 230, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 230, 228) }
```

Border

The CSS property to change the border of an element to XYZ 74.6135, 78.8531, 84.6864 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(229, 230, 228) }
```

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

```
.border{ border-color:rgb(229, 230, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 230, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 230, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 230, 228); box-shadow:4px 4px 4px 4px rgb(229, 230, 228) }
```


Background

The CSS property to change the background color of an element to XYZ 74.6135, 78.8531, 84.6864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 230, 228) }
```

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

```
.background{ background-color: rgb(229,  
230, 228) }
```

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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