

Converting Colors

XYZ(74.8562, 78.9287, 85.9490)

Have a look what the booklet for
XYZ(74.8562, 78.9287, 85.9490)
contains.

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Color

**XYZ(74.8928, 78.9648,
86.1574)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E6E6
RGB	229, 230, 230
RGB Percent	90%, 90%, 90%
CMY	0.1020, 0.0980, 0.0980
CMYK	0.00, 0.00, 0.00, 0.10
HSL	180°, 2%, 90%
HSV	180°, 0%, 90%
XYZ	74.8928, 78.9648, 86.1574
YIQ	229.7010, -0.5960, -0.2120

Conversions

Conversions Part 2

Format	Color
R _Y B	229, 230, 230
Decimal	15066854
CIE Lab	91.22, -0.33, -0.13
CIE LCh	91, 0.354, 201.114
Yxy	78.9648, 0.3120, 0.3290
Android (android.graphics.Color)	4293256934 (0xFFE5E6E6)
YUV	229.7010, 0.1474, -0.6148
Hunter-Lab	88.8621, -5.0694, 4.7181

Details

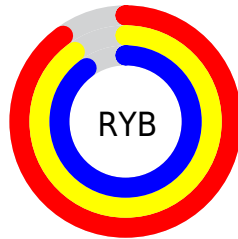
The XYZ color **74.8928, 78.9648, 86.1574** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.7982, 78.5207, 85.3463**, and the grayscale version is **74.9940, 78.8995, 85.9216**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5234, 42.7538, 46.6739** is the 20% darker color. If you saturate the color by 10%, you get **68.0230, 75.4269, 85.7730**, and if you desaturate by 10%, it is **82.7394, 83.0107, 86.5907**.

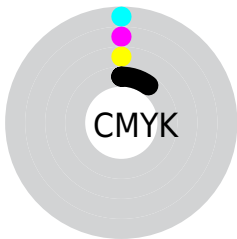
Distribution



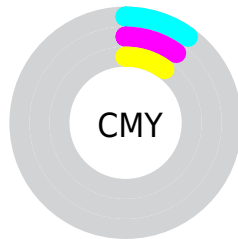
- Red (90%)
- Green (90%)
- Blue (90%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.8928, 78.9648, 86.1574 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 74.8928, 78.9648, 86.1574 by changing the saturation by 10% instead.

■ 74.8928, 78.9648,
86.1574

■ 74.8928, 78.9648,
86.1574

466.5519,
491.4373, 535.6942

■ 55.8189, 58.8669,
64.2425

125.1493,
131.9093, 143.8776

■ 40.2942, 42.5060,
46.3997

157.0627,
165.5247, 180.5200

■ 27.9532, 29.4977,
32.2104

193.9866,
204.4146, 222.9086

■ 18.4307, 19.4576,
21.2561

236.2864,
248.9636, 271.4620

■ 11.3612, 12.0014,
13.1183

284.3275,
299.5559, 326.5987

■ 6.3794, 6.7446,
7.3783

338.4752,

■ 3.1200, 3.3029,

356.5761, 388.7373

3.6178

399.0949,
420.4084, 458.2963

■ 1.2175, 1.2918,
1.4181

■ 0.1201, 0.1349,
0.1558

■ 74.8928, 78.9648,
86.1574

■ 74.8928, 78.9648,
86.1574

■ 68.0230, 75.4269,
85.7730

■ 82.7394, 83.0107,
86.5907

■ 62.0853, 72.3674,
85.4307


■ 83.8462, 83.5798,
86.7071


■ 57.0416, 69.7687,
85.1303

■ 83.8586, 83.5848,
86.7722


■ 52.8485, 67.6085,
84.8697


■ 83.8710, 83.5897,
86.8374


 49.4591, 65.8626,
84.6467


 83.8834, 83.5947,
86.9026


 46.8217, 64.5044,
84.4590


 83.8958, 83.5996,
86.9679


 44.8789, 63.5043,
84.3038

 83.9081, 83.6046,
87.0331

 43.5649, 62.8283,
84.1780

 83.9205, 83.6096,
87.0984

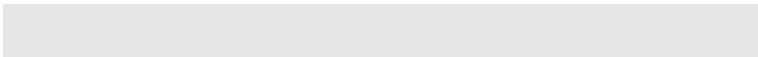
 42.8014, 62.4361,
84.0781

 83.9330, 83.6145,
87.1638

Harmonies

Analogous

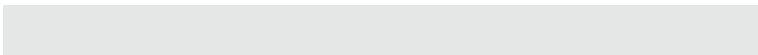
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.8833, 78.9648, 85.9029



74.8928, 78.9648, 86.1574



74.9454, 78.9648, 86.3645

Triad

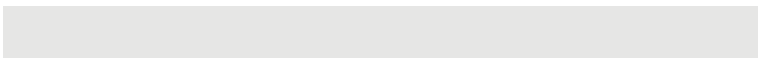
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.8928, 78.9648, 86.1574



75.1881, 78.9648, 86.2899



75.0803, 78.9648, 85.4919

Complementary

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



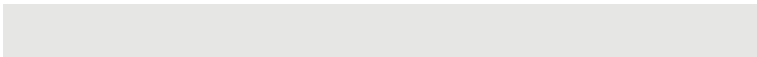
74.8928, 78.9648, 86.1574



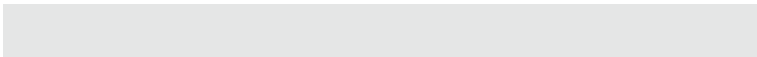
74.7982, 78.5207, 85.3463

Split Complementary

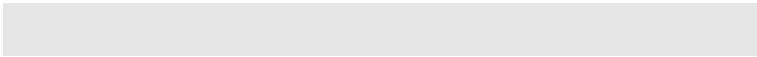
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.1621, 78.9648, 85.5951



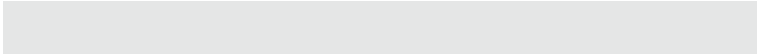
74.8928, 78.9648, 86.1574



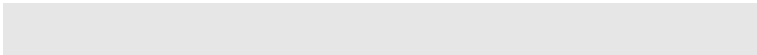
75.2243, 78.9648, 86.0556

Square

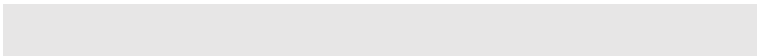
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



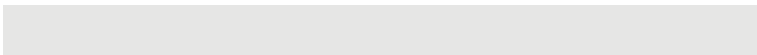
74.8928, 78.9648, 86.1574



75.1159, 78.9648, 86.4411



75.2148, 78.9648, 85.8013



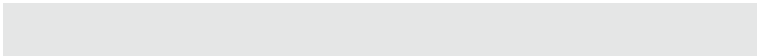
74.9915, 78.9648, 85.5190

Rectangle

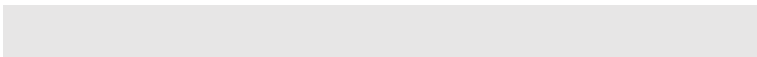
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



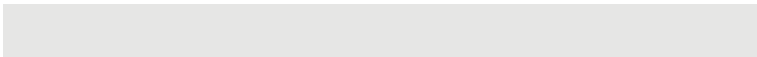
74.8928, 78.9648, 86.1574



74.9978, 78.9648, 86.4477



75.2148, 78.9648, 85.8013



75.1095, 78.9648, 85.5125

Sweetspot

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



74.8950, 78.9682, 86.1591

95.0500, 100.0000, 108.9000



74.7603, 78.9149, 85.4216



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

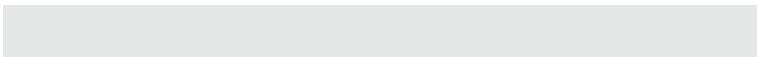
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.8950, 78.9682, 86.1591



94.1165, 99.5189, 108.8481



74.7607, 78.6986, 86.1170



16.0700, 16.9873, 18.5749



24.0376, 35.2472, 47.5599



1.7771, 2.6050, 3.5186

Inverse Universe

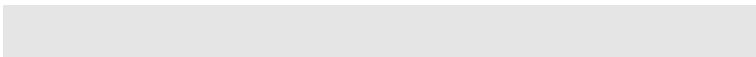
The Inverse Universe completely reimagines the original color for something new.



74.7982, 78.5207, 85.3463



93.8355, 98.2212, 106.4908



74.9321, 78.7895, 85.3883



16.0249, 16.7790, 18.1966



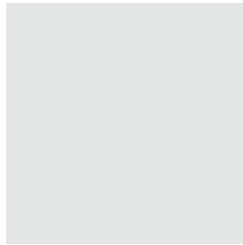
18.4788, 9.5257, 0.8843



1.3663, 0.7042, 0.0695

Previews

White Background



This preview shows how the XYZ color 74.8928, 78.9648, 86.1574 looks on a white background.

Color Contrast Check

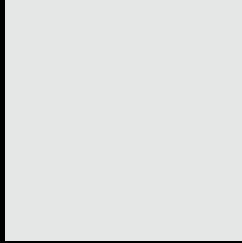
Large Text (above 18pt) WCAG AA × Fail

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 74.8928, 78.9648, 86.1574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

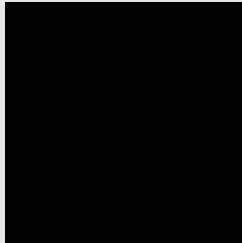
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

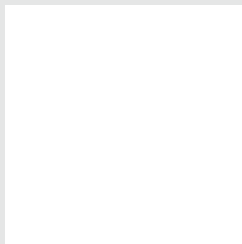
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.8928, 78.9648, 86.1574

Background



This preview shows how black text looks on a background with the XYZ color 74.8928, 78.9648, 86.1574.



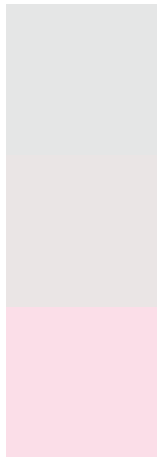
This preview shows how white text looks on a background with the XYZ color 74.8928, 78.9648,

86.1574.

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

74.8928, 78.9648, 86.1574

Protanopia

76.0939, 79.1882, 85.4030

Deuteranopia

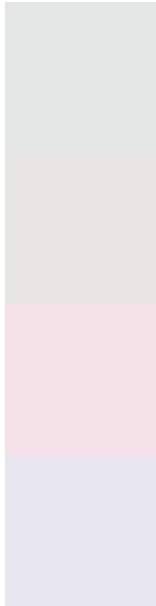
80.4704, 78.5780, 87.2697



Tritanopia

77.3330, 79.1296, 98.3864

Trichromacy



Original Color

74.8928, 78.9648, 86.1574

Protanomaly

75.4409, 78.8516, 85.3725

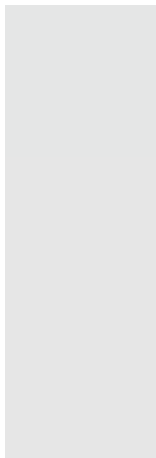
Deuteranomaly

78.3112, 78.6746, 86.6596

Tritanomaly

76.3806, 79.1529, 93.6904

Monochromacy



Original Color

74.8928, 78.9648, 86.1574

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.2129, 79.1298, 86.1723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8928, 78.9648, 86.1574 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, 230) looks like.

```
.text, #text, p{  
    color:rgb(229, 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(229, 230, 230) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 74.8928, 78.9648, 86.1574 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, 230) }
```

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

```
.border{ border-color:rgb(229, 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(229, 230, 230)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to XYZ 74.8928, 78.9648, 86.1574 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, 230) }
```

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

```
.background{ background-color: rgb(229,  
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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