

Converting Colors

XYZ(74.9036, 80.1754, 88.6225)

Have a look what the booklet for
XYZ(74.9036, 80.1754, 88.6225)
contains.

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Color

**XYZ(74.8982, 80.1686,
88.6173)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E9E9
RGB	225, 233, 233
RGB Percent	88%, 91%, 91%
CMY	0.1176, 0.0863, 0.0863
CMYK	0.03, 0.00, 0.00, 0.09
HSL	180°, 15%, 90%
HSV	180°, 3%, 91%
XYZ	74.8982, 80.1686, 88.6173
YIQ	230.6080, -4.7680, -1.6960

Conversions

Conversions Part 2

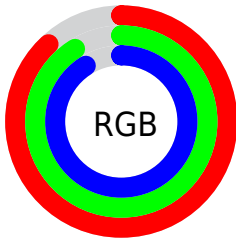
Format	Color
R_{YB}	225, 229, 233
Decimal	14805481
CIE _{Lab}	91.76, -2.66, -0.94
CIE _{LCh}	92, 2.816, 199.432
Yxy	80.1686, 0.3074, 0.3290
Android (android.graphics.Color)	4292995561 (0xFFE1E9E9)
YUV	230.6080, 1.1793, -4.9182
Hunter-Lab	89.5369, -7.3732, 3.9948

Details

The XYZ color **74.8982, 80.1686, 88.6173** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.1230, 76.6123, 82.1190**, and the grayscale version is **75.6603, 79.6006, 86.6850**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2355, 43.1647, 47.8059** is the 20% darker color. If you saturate the color by 10%, you get **68.1233, 76.6785, 88.2934**, and if you desaturate by 10%, it is **82.6689, 84.1766, 88.9911**.

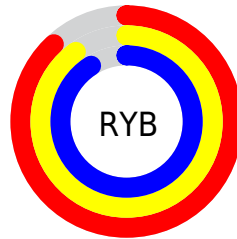
Distribution



Red (88%)

Green (91%)

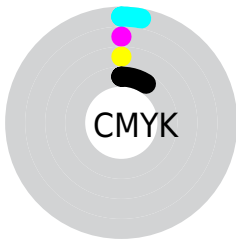
Blue (91%)



Red (88%)

Yellow (90%)

Blue (91%)

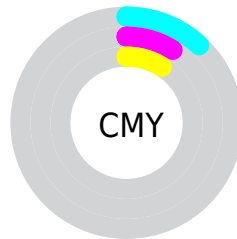


Cyan (3%)

Magenta (0%)

Yellow (0%)

Black (9%)



Cyan (12%)

Magenta (9%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.8982, 80.1686, 88.6173 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 74.8982, 80.1686, 88.6173 by changing the saturation by 10% instead.

■ 74.8982, 80.1686,
88.6173

■ 74.8982, 80.1686,
88.6173

466.5702,
495.5008, 543.9763

■ 55.8234, 59.8571,
66.2672

125.1569,
133.6027, 147.3350

■ 40.2978, 43.3035,
48.0315

157.0715,
167.4942, 184.5396

■ 27.9560, 30.1233,
33.4916

193.9968,
206.6811, 227.5327

■ 18.4328, 19.9322,
22.2291

236.2981,
251.5478, 276.7331

■ 11.3627, 12.3458,
13.8254

284.3407,
302.4787, 332.5590

■ 6.3805, 6.9796,
7.8620

338.4900,

■ 3.1206, 3.4494,

359.8583, 395.4292

3.9203

399.1114,
424.0709, 465.7621

■ 1.2179, 1.3706,
1.5817

■ 0.1204, 0.1949,
0.2777

■ 74.8982, 80.1686,
88.6173

■ 74.8982, 80.1686,
88.6173

■ 68.1233, 76.6785,
88.2934

■ 82.6689, 84.1766,
88.9911

■ 62.2975, 73.6753,
88.0123


■ 85.0919, 85.4255,
89.1130


■ 57.3805, 71.1407,
87.7737


■ 85.0936, 85.4262,
89.1215


■ 53.3265, 69.0510,
87.5755


■ 85.0952, 85.4268,
89.1301


 50.0857, 67.3805,
87.4154

 85.0968, 85.4275,
89.1386


 47.6033, 66.1009,
87.2907


 85.0984, 85.4281,
89.1472


 45.8175, 65.1805,
87.1987

 85.1000, 85.4288,
89.1557

 44.6572, 64.5825,
87.1359

 85.1017, 85.4294,
89.1643

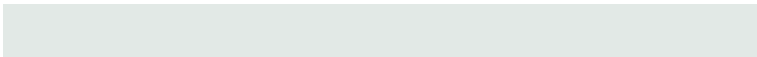
 44.0359, 64.2624,
87.0984

 85.1033, 85.4301,
89.1728

Harmonies

Analogous

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



74.8434, 80.1686, 86.5640



74.8982, 80.1686, 88.6173



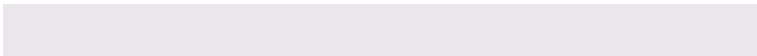
75.3000, 80.1686, 90.3403

Triad

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



74.8982, 80.1686, 88.6173



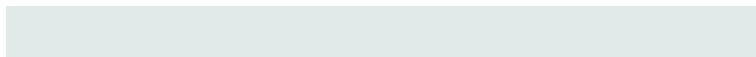
77.2556, 80.1686, 89.8971



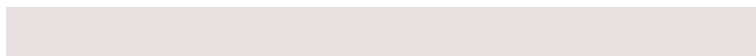
76.4523, 80.1686, 83.4456

Complementary

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



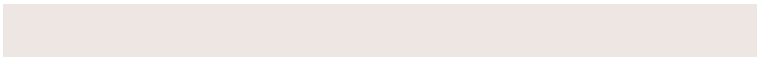
74.8982, 80.1686, 88.6173



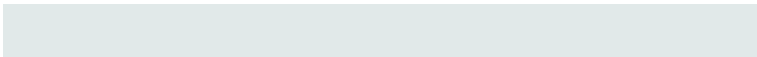
74.1230, 76.6123, 82.1190

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.



77.1028, 80.1686, 84.3091



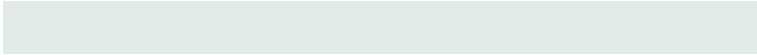
74.8982, 80.1686, 88.6173



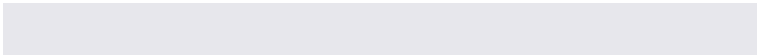
77.5685, 80.1686, 88.0200

Square

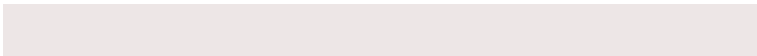
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



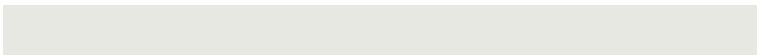
74.8982, 80.1686, 88.6173



76.6599, 80.1686, 91.0872



77.5124, 80.1686, 85.9760



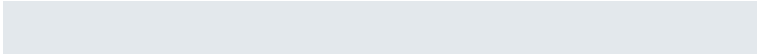
75.7376, 80.1686, 83.5998

Rectangle

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



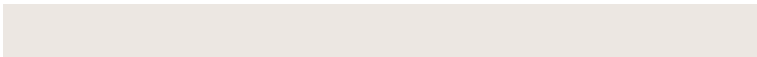
74.8982, 80.1686, 88.6173



75.7119, 80.1686, 91.0595



77.5124, 80.1686, 85.9760



76.6858, 80.1686, 83.6259

Sweetspot

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



74.9005, 80.1720, 88.6191



94.1179, 99.5195, 108.8553



73.8247, 79.7465, 82.7369



20.1549, 21.3063, 23.3000



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

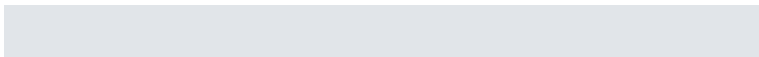
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.9005, 80.1720, 88.6191



91.3956, 98.1162, 108.7248



73.8178, 78.0057, 88.2609



16.2351, 17.4918, 19.4419



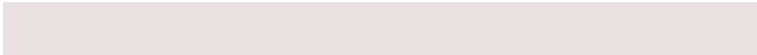
24.8706, 36.4027, 49.4111



1.9530, 2.8585, 3.8805

Inverse Universe

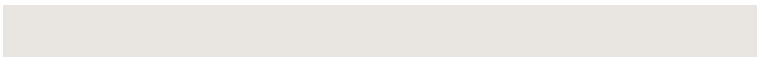
The Inverse Universe completely reimagines the original color for something new.



74.1230, 76.6123, 82.1190



90.2836, 93.0245, 99.4273



75.1803, 78.7276, 82.4688



16.0019, 16.4241, 17.4924



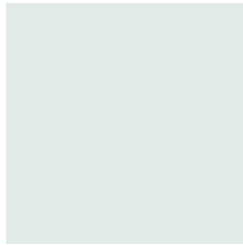
19.0683, 9.8300, 0.8949



1.4974, 0.7719, 0.0708

Previews

White Background



This preview shows how the XYZ color 74.8982, 80.1686, 88.6173 looks on a white background.

Color Contrast Check

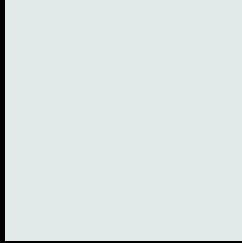
Large Text (above 18pt) WCAG AA × Fail

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 74.8982, 80.1686, 88.6173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

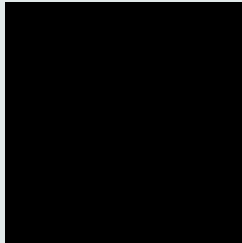
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

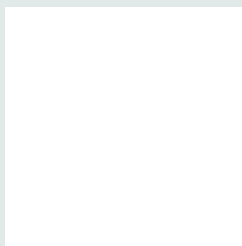
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.8982, 80.1686, 88.6173

Background



This preview shows how black text looks on a background with the XYZ color 74.8982, 80.1686, 88.6173.



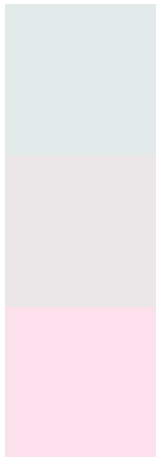
This preview shows how white text looks on a background with the XYZ color 74.8982, 80.1686,

88.6173.

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

74.8982, 80.1686, 88.6173

Protanopia

76.9816, 80.0253, 86.9904

Deuteranopia

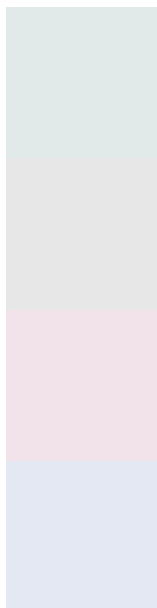
81.7959, 80.0049, 89.7286



Tritanopia

77.6697, 80.4854, 101.0641

Trichromacy



Original Color

74.8982, 80.1686, 88.6173

Protanomaly

76.0964, 79.9669, 87.7684

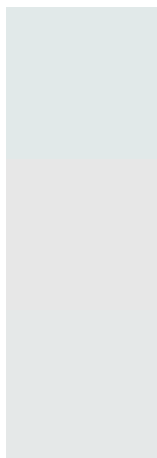
Deuteranomaly

78.9383, 79.7559, 89.0758

Tritanomaly

76.7128, 80.5152, 96.2918

Monochromacy



Original Color

74.8982, 80.1686, 88.6173

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.7352, 80.1974, 87.8319

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8982, 80.1686, 88.6173 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(225, 233, 233) looks like.

```
.text, #text, p{  
    color:rgb(225, 233, 233)  
}
```

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(225, 233, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 233, 233) }
```

Border

The CSS property to change the border of an element to XYZ 74.8982, 80.1686, 88.6173 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(225, 233, 233) }
```


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

```
.border{ border-color:rgb(225, 233, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 233, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 233, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 233, 233);  
box-shadow:4px 4px 4px 4px rgb(225, 233,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8982, 80.1686, 88.6173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 233, 233) }
```

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

```
.background{ background-color: rgb(225,  
233, 233) }
```

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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