

Converting Colors

XYZ(74.8811, 78.3762, 86.3392)

Have a look what the booklet for
XYZ(74.8811, 78.3762, 86.3392)
contains.

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Color

**XYZ(74.9354, 78.5748,
86.0798)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E5E6
RGB	230, 229, 230
RGB Percent	90%, 90%, 90%
CMY	0.0980, 0.1019, 0.0980
CMYK	0.00, 0.00, 0.00, 0.10
HSL	300°, 2%, 90%
HSV	300°, 0%, 90%
XYZ	74.9354, 78.5748, 86.0798
YIQ	229.4130, 0.2750, 0.5230

Conversions

Conversions Part 2

Format	Color
R _Y B	230, 229, 230
Decimal	15132134
CIE Lab	91.04, 0.52, -0.38
CIE LCh	91, 0.642, 324.025
Yxy	78.5748, 0.3128, 0.3280
Android (android.graphics.Color)	4293322214 (0xFFE6E5E6)
YUV	229.4130, 0.2894, 0.5148
Hunter-Lab	88.6424, -4.2262, 4.4738

Details

The XYZ color **74.9354, 78.5748, 86.0798** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.7558, 78.9109, 85.4241**, and the grayscale version is **74.7800, 78.6744, 85.6765**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5531, 42.4812, 46.6198** is the 20% darker color. If you saturate the color by 10%, you get **68.9890, 66.6815, 84.0967**, and if you desaturate by 10%, it is **81.7294, 92.1610, 88.3474**.

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 74.9354, 78.5748, 86.0798 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 74.9354, 78.5748, 86.0798 by changing the saturation by 10% instead.

■ 74.9354, 78.5748,
86.0798

■ 74.9354, 78.5748,
86.0798

466.6961,
490.1167, 535.4318

■ 55.8540, 58.5463,
64.1787

125.2093,
131.3601, 143.7684

■ 40.3224, 42.2480,
46.3483

157.1325,
164.8857, 180.3929

■ 27.9753, 29.2955,
32.1701

194.0670,
203.6790, 222.7623

■ 18.4474, 19.3045,
21.2256

236.3781,
248.1246, 271.2952

■ 11.3733, 11.8905,
13.0961

284.4312,
298.6067, 326.4100

■ 6.3877, 6.6692,
7.3633

338.5917,

■ 3.1251, 3.2561,

355.5099, 388.5254

3.6084

399.2248,
419.2184, 458.0598

■ 1.2203, 1.2668,
1.4131

■ 0.1223, 0.1153,
0.1519

■ 74.9354, 78.5748,
86.0798

■ 74.9354, 78.5748,
86.0798

■ 68.9890, 66.6815,
84.0967

■ 81.7294, 92.1610,
88.3474

■ 63.8506, 56.4053,
82.3819

■ 82.6776, 94.0568,
88.6654

■ 59.4873, 47.6794,
80.9255

■ 82.6780, 94.0570,
88.6675

■ 55.8616, 40.4286,
79.7150

■ 82.6784, 94.0572,
88.6696

52.9327, 34.5714,
78.7367

82.6788, 94.0573,
88.6717

50.6559, 30.0185,
77.9759

82.6792, 94.0575,
88.6738

48.9814, 26.6702,
77.4157

82.6796, 94.0576,
88.6759

47.8522, 24.4123,
77.0374

82.6800, 94.0578,
88.6780

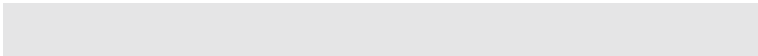
47.2002, 23.1091,
76.8181

82.6804, 94.0580,
88.6800

Harmonies

Analogous

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



74.8099, 78.5748, 86.3721



74.9354, 78.5748, 86.0798



74.9933, 78.5748, 85.6475

Triad

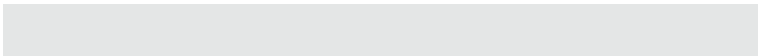
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.9354, 78.5748, 86.0798



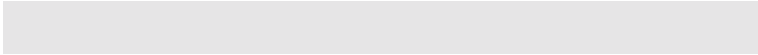
74.7154, 78.5748, 84.6703



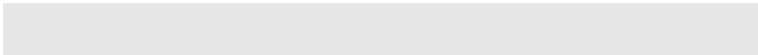
74.3988, 78.5748, 85.9184

Complementary

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



74.9354, 78.5748, 86.0798



74.7558, 78.9109, 85.4241

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.



74.3736, 78.5748, 85.4618



74.9354, 78.5748, 86.0798



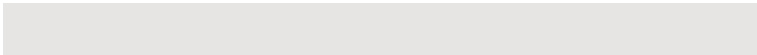
74.5562, 78.5748, 84.7422

Square

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



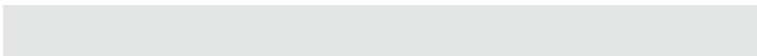
74.9354, 78.5748, 86.0798



74.8662, 78.5748, 84.8346



74.4311, 78.5748, 85.0315



74.5001, 78.5748, 86.2787

Rectangle

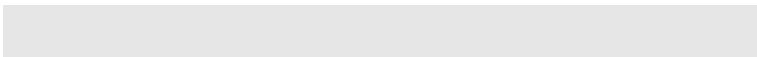
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.9354, 78.5748, 86.0798



74.9857, 78.5748, 85.3385



74.4311, 78.5748, 85.0315



74.3811, 78.5748, 85.7710

Sweetspot

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



74.9376, 78.5782, 86.0815

95.0500, 100.0000, 108.9000



74.6188, 78.4138, 86.0667



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.



74.9376, 78.5782, 86.0815



94.2418, 98.3838, 108.6304



74.8678, 78.5502, 85.7137



16.0901, 16.8051, 18.5400



26.5590, 12.7578, 43.4343



1.9626, 0.9428, 3.2098

Inverse Universe

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



74.9376, 78.5782, 86.0815



94.2418, 98.3838, 108.6304



74.8254, 78.9388, 85.7909



16.0901, 16.8051, 18.5400



26.5590, 12.7578, 43.4343



1.9626, 0.9428, 3.2098

Previews

White Background



This preview shows how the XYZ color 74.9354, 78.5748, 86.0798 looks on a white background.

Color Contrast Check

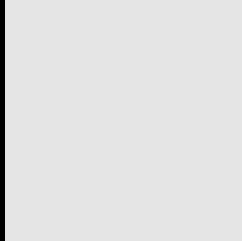
Large Text (above 18pt) WCAG AA × Fail

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 74.9354, 78.5748, 86.0798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

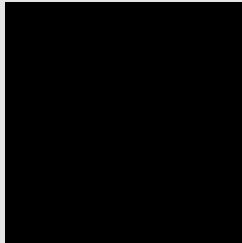
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

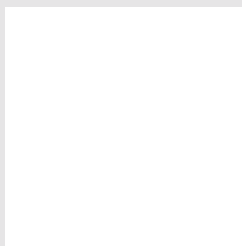
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.9354, 78.5748, 86.0798

Background



This preview shows how black text looks on a background with the XYZ color 74.9354, 78.5748, 86.0798.

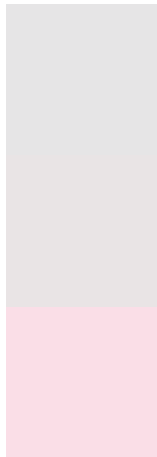


This preview shows how white text looks on a background with the XYZ color 74.9354, 78.5748,

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

74.9354, 78.5748, 86.0798

Protanopia

75.4905, 78.4676, 85.2957

Deuteranopia

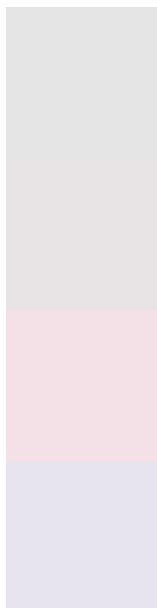
79.9694, 78.3361, 86.5068



Tritanopia

77.2292, 78.6865, 97.5038

Trichromacy



Original Color

74.9354, 78.5748, 86.0798

Protanomaly

75.1650, 78.2998, 85.2805

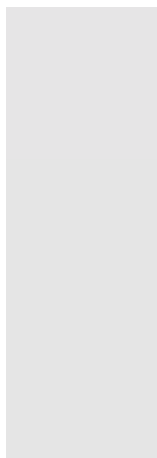
Deuteranomaly

78.3112, 78.6746, 86.6596

Tritanomaly

76.4266, 78.7670, 93.6135

Monochromacy



Original Color

74.9354, 78.5748, 86.0798

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 74.9354, 78.5748, 86.0798 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(230, 229, 230) looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 74.9354, 78.5748, 86.0798 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(230, 229, 230) }
```

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

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

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

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

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


Background

The CSS property to change the background color of an element to XYZ 74.9354, 78.5748, 86.0798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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