

Converting Colors

XYZ(74.3599, 78.9704, 89.5159)

Have a look what the booklet for
XYZ(74.3599, 78.9704, 89.5159)
contains.

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Color

**XYZ(74.4785, 79.0999,
89.1843)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E7EA
RGB	225, 231, 234
RGB Percent	88%, 91%, 92%
CMY	0.1176, 0.0941, 0.0823
CMYK	0.04, 0.01, 0.00, 0.08
HSL	200°, 18%, 90%
HSV	200°, 4%, 92%
XYZ	74.4785, 79.0999, 89.1843
YIQ	229.5480, -4.5390, -0.3390

Conversions

Conversions Part 2

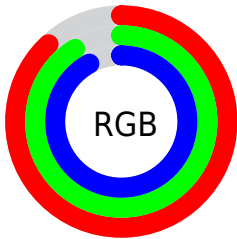
Format	Color
R _Y B	225, 229, 234
Decimal	14804970
CIE Lab	91.28, -1.45, -2.16
CIE LCh	91, 2.603, 236.227
Yxy	79.0999, 0.3068, 0.3258
Android (android.graphics.Color)	4292995050 (0xFFE1E7EA)
YUV	229.5480, 2.1948, -3.9886
Hunter-Lab	88.9381, -6.1624, 2.8026

Details

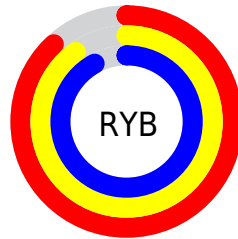
The XYZ color **74.4785, 79.0999, 89.1843** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **75.2658, 78.4146, 82.4038**, and the grayscale version is **74.8685, 78.7675, 85.7778**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9434, 42.4203, 48.2022** is the 20% darker color. If you saturate the color by 10%, you get **65.5462, 71.3321, 88.1570**, and if you desaturate by 10%, it is **84.5122, 87.5839, 90.2942**.

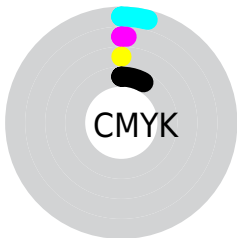
Distribution



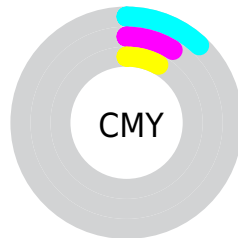
- Red (88%)
- Green (91%)
- Blue (92%)



- Red (88%)
- Yellow (90%)
- Blue (92%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (8%)



- Cyan (12%)
- Magenta (9%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4785, 79.0999, 89.1843 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 74.4785, 79.0999, 89.1843 by changing the saturation by 10% instead.

■ 74.4785, 79.0999,
89.1843

■ 74.4785, 79.0999,
89.1843

465.1480,
491.8942, 545.8753

■ 55.4784, 58.9779,
66.7344

124.5657,
132.0995, 148.1304

■ 40.0203, 42.5954,
48.4086

156.3836,
165.7459, 185.4638

■ 27.7386, 29.5678,
33.7883

193.2048,
204.6693, 228.5953

■ 18.2682, 19.5107,
22.4549

235.3947,
249.2540, 277.9436

■ 11.2435, 12.0399,
13.9901

283.3186,
299.8845, 333.9272

■ 6.2994, 6.7709,
7.9751

337.3419,

■ 3.0704, 3.3192,

356.9451, 396.9647

3.9915

397.8299,
420.8202, 467.4745

■ 1.1911, 1.3006,
1.6207

■ 0.0993, 0.1416,
0.3055

■ 74.4785, 79.0999,
89.1843

■ 74.4785, 79.0999,
89.1843

■ 65.5462, 71.3321,
88.1570

■ 84.5122, 87.5839,
90.2942

■ 57.6667, 64.2471,
87.2047

■ 89.2257, 93.4690,
91.1818

■ 50.7979, 57.8235,
86.3269

■ 91.6527, 98.3229,
91.9907

■ 44.8922, 52.0348,
85.5208

■ 91.8515, 98.7206,
92.0570

■ 39.8977, 46.8522,
84.7837

■ 35.7572, 42.2444,
84.1125

■ 32.4069, 38.1763,
83.5039

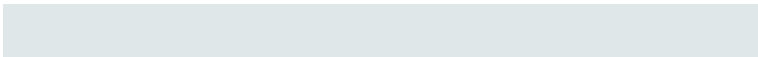
■ 29.7729, 34.6076,
82.9539

■ 27.7653, 31.4901,
82.4579

Harmonies

Analogous

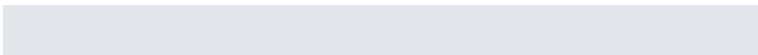
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.0489, 79.0999, 87.7432



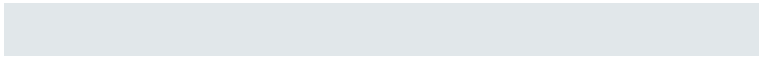
74.4785, 79.0999, 89.1843



75.0986, 79.0999, 89.8057

Triad

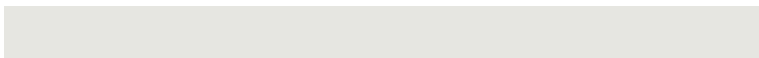
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.4785, 79.0999, 89.1843



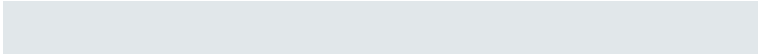
76.4561, 79.0999, 86.3659



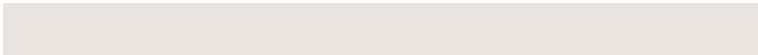
74.6224, 79.0999, 82.9056

Complementary

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



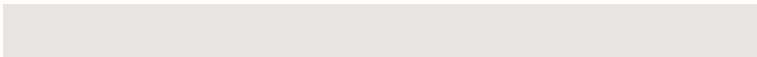
74.4785, 79.0999, 89.1843



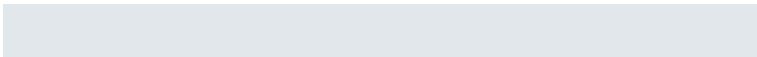
75.2658, 78.4146, 82.4038

Split Complementary

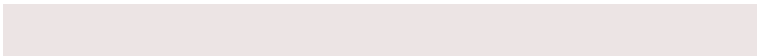
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.2657, 79.0999, 82.5489



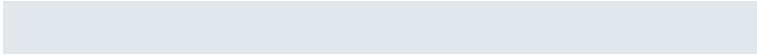
74.4785, 79.0999, 89.1843



76.3268, 79.0999, 84.5295

Square

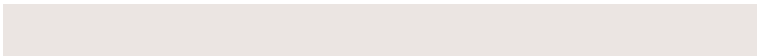
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



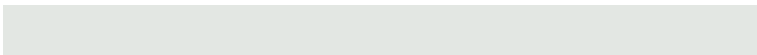
74.4785, 79.0999, 89.1843



76.2424, 79.0999, 88.1635



75.8901, 79.0999, 83.1391



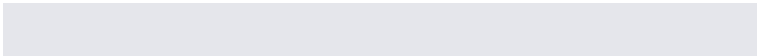
74.1317, 79.0999, 84.1208

Rectangle

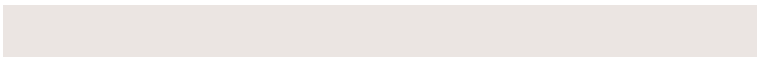
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



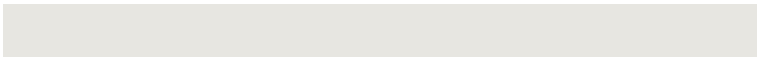
74.4785, 79.0999, 89.1843



75.5374, 79.0999, 89.6650



75.8901, 79.0999, 83.1391



74.8279, 79.0999, 82.6821

Sweetspot

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



74.4808, 79.1033, 89.1860



93.8478, 98.9791, 108.7663



74.4581, 80.4476, 84.8944



20.1000, 21.1964, 23.2819



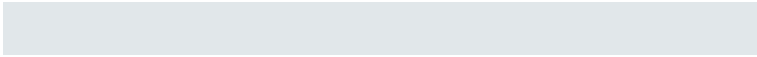
0.0000, 0.0000, 0.0000



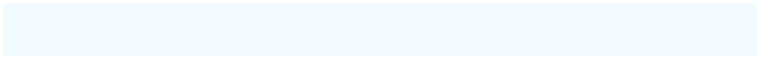
20.3446, 21.4041, 23.3091

Same Dimension

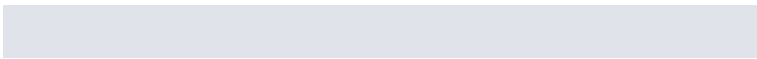
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.4808, 79.1033, 89.1860



89.1746, 94.9832, 108.2413



73.2772, 76.6961, 88.7848



15.8174, 16.8749, 19.3458



15.1559, 16.9589, 46.2176



1.2779, 1.5072, 3.6584

Inverse Universe

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



75.2824, 77.1138, 86.5220



90.4406, 91.8628, 104.0293



76.4787, 80.8404, 82.8081



16.0728, 16.2480, 18.4957



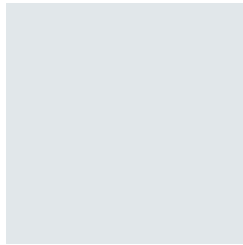
22.5053, 11.2048, 18.9941



1.8115, 0.8976, 1.7247

Previews

White Background



This preview shows how the XYZ color 74.4785, 79.0999, 89.1843 looks on a white background.

Color Contrast Check

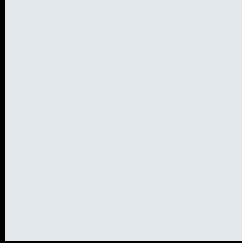
Large Text (above 18pt) WCAG AA × Fail

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 74.4785, 79.0999, 89.1843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

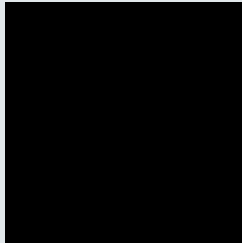
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

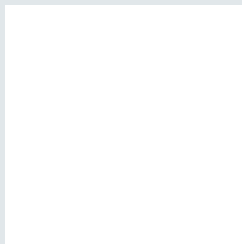
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.4785, 79.0999, 89.1843

Background



This preview shows how black text looks on a background with the XYZ color 74.4785, 79.0999, 89.1843.



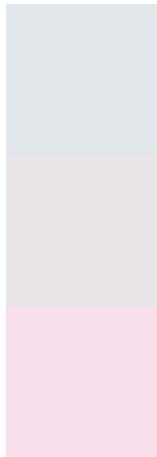
This preview shows how white text looks on a background with the XYZ color 74.4785, 79.0999,

89.1843.

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

74.4785, 79.0999, 89.1843

Protanopia

76.3316, 79.2455, 88.3636

Deuteranopia

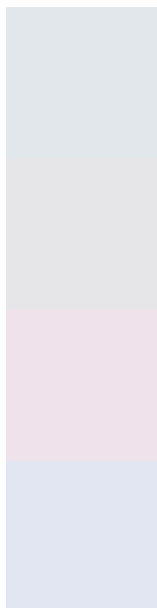
80.5949, 78.9712, 90.3520



Tritanopia

76.4864, 79.0849, 99.2293

Trichromacy



Original Color

74.4785, 79.0999, 89.1843

Protanomaly

75.6379, 79.2998, 88.4106

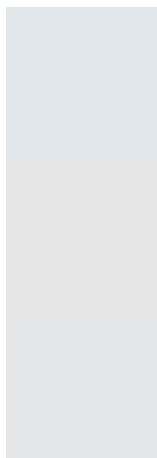
Deuteranomaly

78.1269, 78.9161, 89.7119

Tritanomaly

75.6879, 79.1732, 95.2972

Monochromacy



Original Color

74.4785, 79.0999, 89.1843

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.7155, 78.8571, 86.8843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4785, 79.0999, 89.1843 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, 231, 234) looks like.

```
.text, #text, p{  
    color:rgb(225, 231, 234)  
}
```

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, 231, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 231, 234) }
```

Border

The CSS property to change the border of an element to XYZ 74.4785, 79.0999, 89.1843 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, 231, 234) }
```


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

```
.border{ border-color:rgb(225, 231, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 231, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 231, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 231, 234);  
box-shadow:4px 4px 4px 4px rgb(225, 231,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4785, 79.0999, 89.1843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 231, 234) }
```

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

```
.background{ background-color: rgb(225,  
231, 234) }
```

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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