

Converting Colors

XYZ(78.8428, 84.5351, 93.5733)

Have a look what the booklet for
XYZ(78.8428, 84.5351, 93.5733)
contains.

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Color

**XYZ(79.0796, 84.7880,
93.8591)**

Conversions

Conversions Part 1

Format	Color
Hex	E6EFEF
RGB	230, 239, 239
RGB Percent	90%, 94%, 94%
CMY	0.0980, 0.0627, 0.0627
CMYK	0.04, 0.00, 0.00, 0.06
HSL	180°, 22%, 92%
HSV	180°, 4%, 94%
XYZ	79.0796, 84.7880, 93.8591
YIQ	236.3090, -5.3640, -1.9080

Conversions

Conversions Part 2

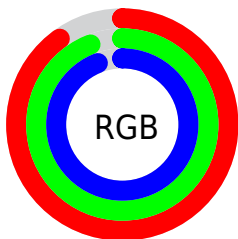
Format	Color
R _Y B	230, 235, 239
Decimal	15134703
CIE Lab	93.79, -2.97, -1.05
CIE LCh	94, 3.151, 199.395
Yxy	84.7880, 0.3068, 0.3290
Android (android.graphics.Color)	4293324783 (0xFFE6EFEF)
YUV	236.3090, 1.3267, -5.5330
Hunter-Lab	92.0804, -7.8431, 4.0210

Details

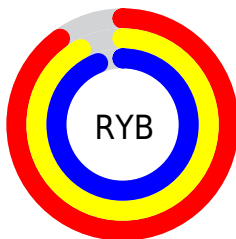
The XYZ color **79.0796, 84.7880, 93.8591** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.1795, 80.6597, 86.3154**, and the grayscale version is **79.9607, 84.1248, 91.6119**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1599, 46.3998, 51.4810** is the 20% darker color. If you saturate the color by 10%, you get **71.9285, 81.1040, 93.5182**, and if you desaturate by 10%, it is **87.2872, 89.0213, 94.2530**.

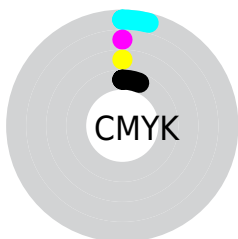
Distribution



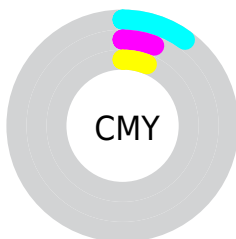
- Red (90%)
- Green (94%)
- Blue (94%)



- Red (90%)
- Yellow (92%)
- Blue (94%)



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (6%)



- Cyan (10%)
- Magenta (6%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.0796, 84.7880, 93.8591 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 79.0796, 84.7880, 93.8591 by changing the saturation by 10% instead.

■ 79.0796, 84.7880,
93.8591

■ 79.0796, 84.7880,
93.8591

480.6095,
510.9263, 561.3968

■ 59.2671, 63.6662,
70.5941

131.0283,
140.0769, 154.6694

■ 43.0754, 46.3804,
51.5313

163.8951,
175.0129, 193.0519

■ 30.1390, 32.5461,
36.2519

201.8442,
215.3224, 237.3106

■ 20.0927, 21.7790,
24.3376

245.2408,
261.3898, 287.8641

■ 12.5711, 13.6946,
15.3697

294.4502,
313.5994, 345.1309

■ 7.2089, 7.9085,
8.9298

349.8379,

■ 3.6405, 4.0365,

372.3358, 409.5296

4.5992

411.7692,
437.9833, 481.4787

■ 1.5009, 1.6940,
1.9595

■ 0.3264, 0.4198,
0.5302

■ 79.0796, 84.7880,
93.8591

■ 79.0796, 84.7880,
93.8591

■ 71.9285, 81.1040,
93.5182

■ 87.2872, 89.0213,
94.2530

■ 65.7841, 77.9366,
93.2226


■ 87.6914, 89.2296,
94.2799


■ 60.6034, 75.2661,
92.9721


■ 87.6930, 89.2302,
94.2880


■ 56.3375, 73.0671,
92.7645


■ 87.6945, 89.2308,
94.2961


 52.9333, 71.3124,
92.5971


 87.6960, 89.2314,
94.3042


 50.3322, 69.9716,
92.4674


 87.6976, 89.2320,
94.3123


 48.4682, 69.0109,
92.3721

 87.6991, 89.2326,
94.3204

 47.2651, 68.3908,
92.3078

 87.7007, 89.2333,
94.3285

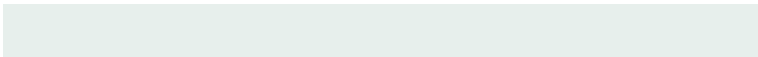
 46.6298, 68.0635,
92.2700

 87.7022, 89.2339,
94.3366

Harmonies

Analogous

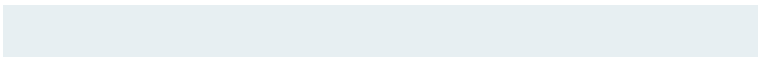
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.0166, 84.7880, 91.4739



79.0796, 84.7880, 93.8591



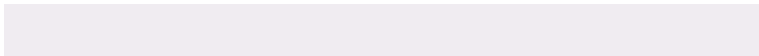
79.5453, 84.7880, 95.8642

Triad

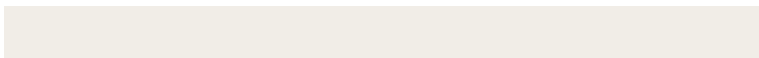
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.0796, 84.7880, 93.8591



81.8168, 84.7880, 95.3528



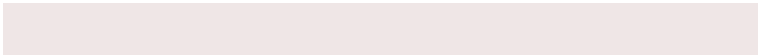
80.8851, 84.7880, 87.8621

Complementary

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



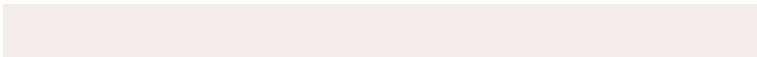
79.0796, 84.7880, 93.8591



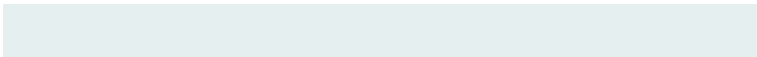
78.1795, 80.6597, 86.3154

Split Complementary

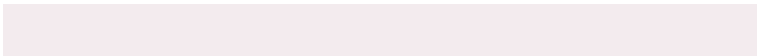
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.6407, 84.7880, 88.8637



79.0796, 84.7880, 93.8591



82.1810, 84.7880, 93.1708

Square

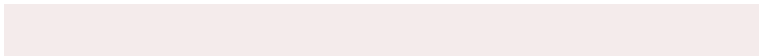
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.0796, 84.7880, 93.8591



81.1242, 84.7880, 96.7368



82.1164, 84.7880, 90.7973



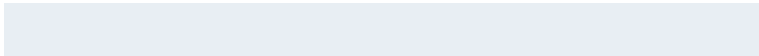
80.0551, 84.7880, 88.0391

Rectangle

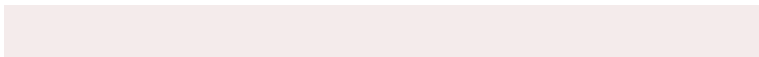
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



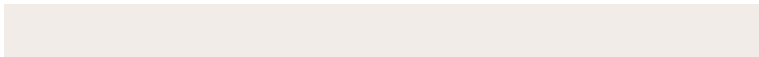
79.0796, 84.7880, 93.8591



80.0233, 84.7880, 96.7025



82.1164, 84.7880, 90.7973



81.1563, 84.7880, 88.0714

Sweetspot

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



79.0820, 84.7916, 93.8610



94.1179, 99.5195, 108.8554



77.8331, 84.2976, 87.0330



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.



79.0820, 84.7916, 93.8610



90.5129, 97.6612, 108.6830



77.8237, 82.2741, 93.4444



16.8456, 18.2374, 20.3529



25.6590, 37.5556, 50.9807



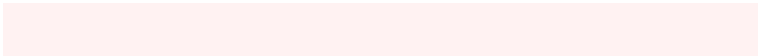
2.1347, 3.1243, 4.2416

Inverse Universe

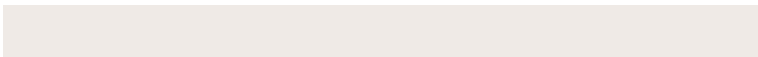
The Inverse Universe completely reimagines the original color for something new.



78.1795, 80.6597, 86.3154



89.1320, 91.3394, 97.1383



79.4052, 83.1121, 86.7213



16.5537, 16.9013, 17.9130



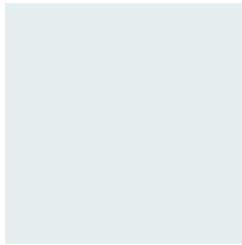
19.6719, 10.1412, 0.9229



1.6366, 0.8437, 0.0773

Previews

White Background



This preview shows how the XYZ color 79.0796, 84.7880, 93.8591 looks on a white background.

Color Contrast Check

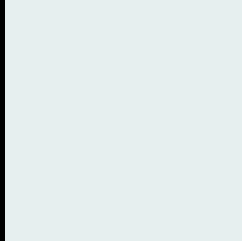
Large Text (above 18pt) WCAG AA × Fail

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 79.0796, 84.7880, 93.8591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

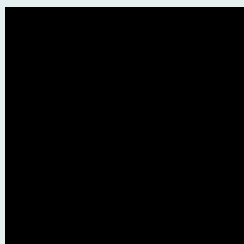
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

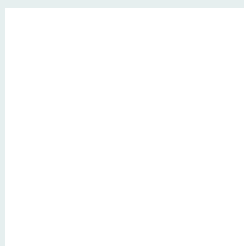
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.0796, 84.7880, 93.8591

Background



This preview shows how black text looks on a background with the XYZ color 79.0796, 84.7880, 93.8591.



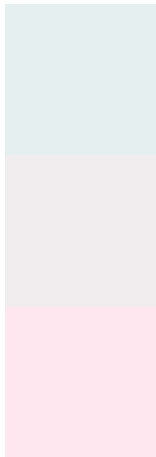
This preview shows how white text looks on a background with the XYZ color 79.0796, 84.7880,

93.8591.

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

79.0796, 84.7880, 93.8591

Protanopia

81.5571, 84.8061, 92.1915

Deuteranopia

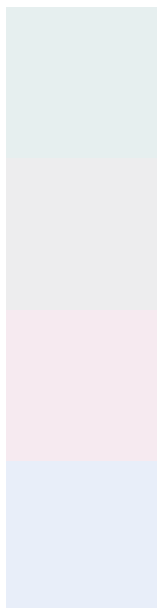
85.5441, 84.7031, 94.2787



Tritanopia

81.9385, 85.1120, 106.7174

Trichromacy



Original Color

79.0796, 84.7880, 93.8591

Protanomaly

80.6419, 84.7459, 92.9962

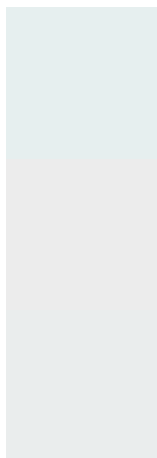
Deuteranomaly

83.1570, 84.7297, 94.4097

Tritanomaly

80.9521, 85.1444, 101.7904

Monochromacy



Original Color

79.0796, 84.7880, 93.8591

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.5019, 84.1752, 92.1780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.0796, 84.7880, 93.8591 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, 239, 239)` looks like.

```
.text, #text, p{  
    color:rgb(230, 239, 239)  
}
```

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, 239, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 239, 239) }
```

Border

The CSS property to change the border of an element to XYZ 79.0796, 84.7880, 93.8591 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, 239, 239) }
```


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

```
.border{ border-color:rgb(230, 239, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 239, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 239, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 239, 239);  
box-shadow:4px 4px 4px 4px rgb(230, 239,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 79.0796, 84.7880, 93.8591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 239, 239) }
```

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

```
.background{ background-color: rgb(230,  
239, 239) }
```

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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