

Converting Colors

XYZ(79.0716, 82.1852, 93.6845)

Have a look what the booklet for
XYZ(79.0716, 82.1852, 93.6845)
contains.

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Color

**XYZ(78.9799, 82.1720,
93.3595)**

Conversions

Conversions Part 1

Format	Color
Hex	EBE9EF
RGB	235, 233, 239
RGB Percent	92%, 91%, 94%
CMY	0.0784, 0.0863, 0.0627
CMYK	0.02, 0.03, 0.00, 0.06
HSL	260°, 16%, 93%
HSV	260°, 3%, 94%
XYZ	78.9799, 82.1720, 93.3595
YIQ	234.2820, -0.7340, 2.2900

Conversions

Conversions Part 2

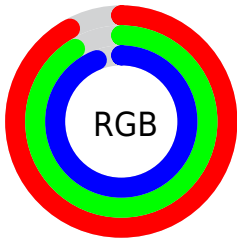
Format	Color
R _Y B	235, 233, 239
Decimal	15460847
CIE Lab	92.65, 1.75, -2.68
CIE LCh	93, 3.196, 303.163
Yxy	82.1720, 0.3103, 0.3229
Android (android.graphics.Color)	4293650927 (0xFFE9E9EF)
YUV	234.2820, 2.3260, 0.6297
Hunter-Lab	90.6488, -3.1130, 2.3912

Details

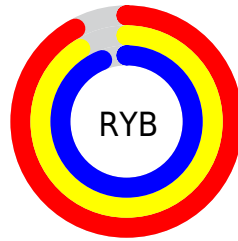
The XYZ color **78.9799, 82.1720, 93.3595** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **80.5026, 85.6229, 89.3789**, and the grayscale version is **78.4057, 82.4889, 89.8304**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.8598, 44.4469, 51.1199** is the 20% darker color. If you saturate the color by 10%, you get **67.6376, 66.9539, 91.0212**, and if you desaturate by 10%, it is **91.1041, 98.2511, 95.8253**.

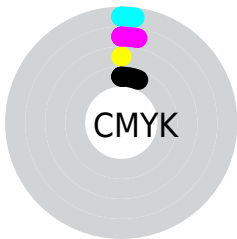
Distribution



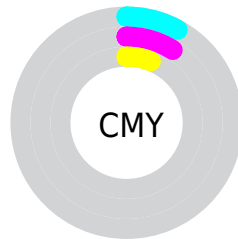
- Red (92%)
- Green (91%)
- Blue (94%)



- Red (92%)
- Yellow (91%)
- Blue (94%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (6%)



- Cyan (8%)
- Magenta (9%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.9799, 82.1720, 93.3595 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 78.9799, 82.1720, 93.3595 by changing the saturation by 10% instead.

■ 78.9799, 82.1720,
93.3595

■ 78.9799, 82.1720,
93.3595

480.2774,
502.2228, 559.7493

■ 59.1849, 61.5073,
70.1810

130.8886,
136.4152, 153.9722

■ 43.0089, 44.6347,
51.1964

163.7330,
170.7625, 192.2436

■ 30.0866, 31.1698,
35.9871

201.6580,
210.4394, 236.3830

■ 20.0528, 20.7282,
24.1346

245.0287,
255.8304, 286.8089

■ 12.5419, 12.9255,
15.2204

294.2107,
307.3199, 343.9400

■ 7.1887, 7.3772,
8.8259

349.5692,

■ 3.6277, 3.6991,

365.2922, 408.1947

4.5325

411.4697,
430.1317, 479.9916

■ 1.4938, 1.5067,
1.9218

■ 0.3216, 0.2935,
0.5066

■ 78.9799, 82.1720,
93.3595

■ 78.9799, 82.1720,
93.3595

■ 67.6376, 66.9539,
91.0212

■ 91.1041, 98.2511,
95.8253

■ 57.6322, 53.7286,
88.9958

■ 92.5802, 99.0121,
95.8944

■ 48.9141, 42.4151,
87.2715

■ 41.4281, 32.9224,
85.8338

■ 35.1143, 25.1521,
84.6668

■ 29.9079, 18.9964,
83.7530

■ 25.7368, 14.3345,
83.0730

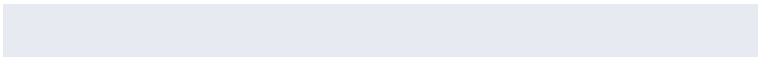
■ 22.5197, 11.0283,
82.6044

■ 20.1601, 8.9119,
82.3203

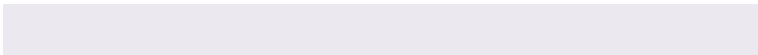
Harmonies

Analogous

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



78.1903, 82.1720, 94.1217



78.9799, 82.1720, 93.3595



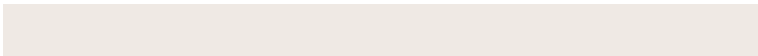
79.5374, 82.1720, 91.5545

Triad

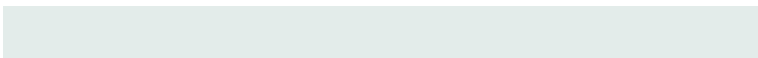
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.9799, 82.1720, 93.3595



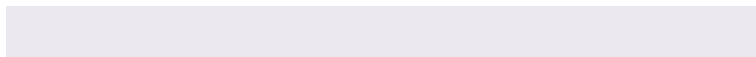
78.8261, 82.1720, 85.4474



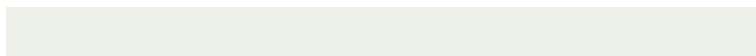
76.5165, 82.1720, 89.7242

Complementary

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



78.9799, 82.1720, 93.3595



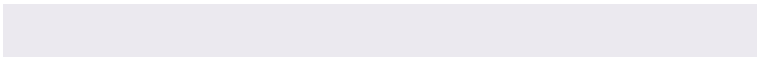
80.5026, 85.6229, 89.3789

Split Complementary

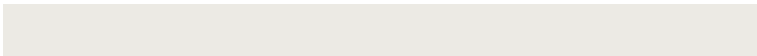
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.6840, 82.1720, 87.4200



78.9799, 82.1720, 93.3595



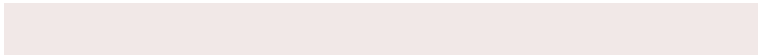
78.0138, 82.1720, 84.9768

Square

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



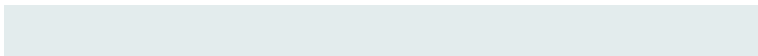
78.9799, 82.1720, 93.3595



79.4481, 82.1720, 86.9898



77.2307, 82.1720, 85.6927



76.7712, 82.1720, 91.9996

Rectangle

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



78.9799, 82.1720, 93.3595



79.7003, 82.1720, 90.0176



77.2307, 82.1720, 85.6927



76.5253, 82.1720, 88.9273

Sweetspot

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



78.9823, 82.1755, 93.3613



93.6188, 98.0626, 108.6015



79.5003, 84.1846, 93.7218



20.0534, 21.0099, 23.2483



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.



78.9823, 82.1755, 93.3613



90.8053, 94.2607, 108.0159



79.9478, 82.6733, 93.4065



16.8076, 17.3845, 20.1913



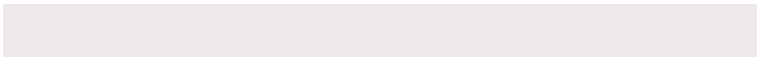
10.5420, 4.4400, 45.4293



0.9786, 0.4217, 3.7840

Inverse Universe

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



80.0245, 82.7467, 91.8789



92.2505, 95.0528, 105.9573



79.5419, 85.1277, 89.3339



17.1472, 17.5706, 19.7065



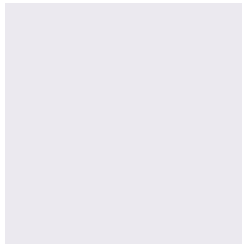
23.2138, 11.5580, 19.5745



1.9771, 0.9799, 1.8702

Previews

White Background



This preview shows how the XYZ color 78.9799, 82.1720, 93.3595 looks on a white background.

Color Contrast Check

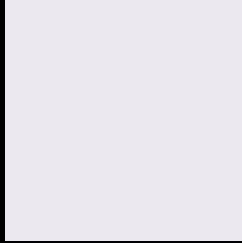
Large Text (above 18pt) WCAG AA × Fail

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 78.9799, 82.1720, 93.3595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

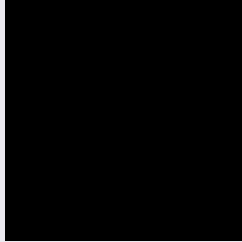
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

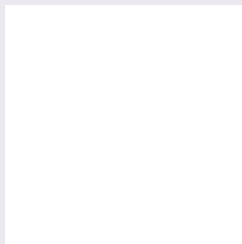
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.9799, 82.1720, 93.3595

Background



This preview shows how black text looks on a background with the XYZ color 78.9799, 82.1720, 93.3595.



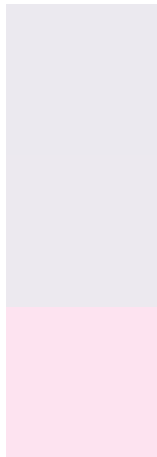
This preview shows how white text looks on a background with the XYZ color 78.9799, 82.1720,

93.3595.

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

78.9799, 82.1720, 93.3595

Protanopia

79.3110, 82.3427, 93.3749

Deuteranopia

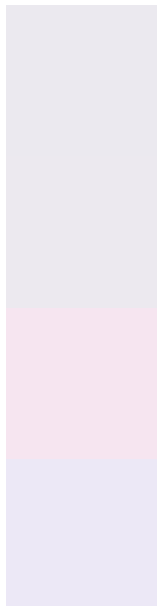
83.7053, 82.1121, 93.8755



Tritanopia

80.7563, 82.0585, 102.0250

Trichromacy



Original Color

78.9799, 82.1720, 93.3595

Protanomaly

79.3110, 82.3427, 93.3749

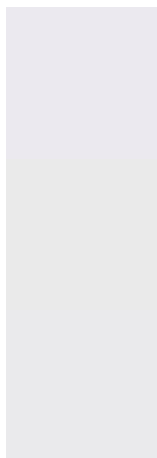
Deuteranomaly

81.7535, 81.9227, 93.9419

Tritanomaly

80.0832, 82.1999, 98.8341

Monochromacy



Original Color

78.9799, 82.1720, 93.3595

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.4948, 82.3942, 91.1234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.9799, 82.1720, 93.3595 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(235, 233, 239) looks like.

```
.text, #text, p{  
    color:rgb(235, 233, 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(235, 233, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 233, 239) }
```

Border

The CSS property to change the border of an element to XYZ 78.9799, 82.1720, 93.3595 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(235, 233, 239) }
```


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

```
.border{ border-color:rgb(235, 233, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 233, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 233, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 233, 239);  
box-shadow:4px 4px 4px 4px rgb(235, 233,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 78.9799, 82.1720, 93.3595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 233, 239) }
```

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

```
.background{ background-color: rgb(235,  
233, 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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