

Converting Colors

XYZ(79.9286, 83.2294, 93.2362)

Have a look what the booklet for
XYZ(79.9286, 83.2294, 93.2362)
contains.

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Color

**XYZ(79.9279, 83.0822,
93.4852)**

Conversions

Conversions Part 1

Format	Color
Hex	EDEAEF
RGB	237, 234, 239
RGB Percent	93%, 92%, 94%
CMY	0.0706, 0.0823, 0.0627
CMYK	0.01, 0.02, 0.00, 0.06
HSL	276°, 14%, 93%
HSV	276°, 2%, 94%
XYZ	79.9279, 83.0822, 93.4852
YIQ	235.4670, 0.1830, 2.1910

Conversions

Conversions Part 2

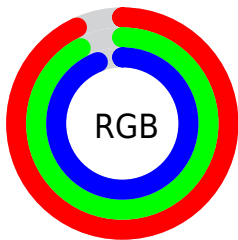
Format	Color
R _Y B	237, 234, 239
Decimal	15592175
CIE Lab	93.05, 1.90, -2.07
CIE LCh	93, 2.810, 312.509
Yxy	83.0822, 0.3116, 0.3239
Android (android.graphics.Color)	4293782255 (0xFFEAEAF)
YUV	235.4670, 1.7418, 1.3444
Hunter-Lab	91.1494, -2.9869, 2.9953

Details

The XYZ color **79.9279, 83.0822, 93.4852** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **80.3130, 85.5086, 90.1180**, and the grayscale version is **79.3106, 83.4410, 90.8672**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5237, 45.0834, 51.2078** is the 20% darker color. If you saturate the color by 10%, you get **70.4685, 68.7790, 91.2242**, and if you desaturate by 10%, it is **89.5463, 97.4480, 95.7524**.

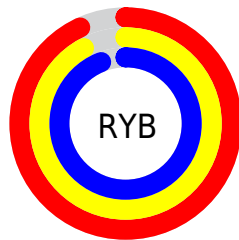
Distribution



Red (93%)

Green (92%)

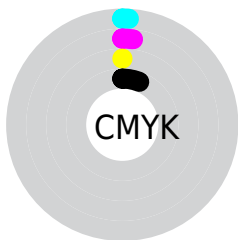
Blue (94%)



Red (93%)

Yellow (92%)

Blue (94%)

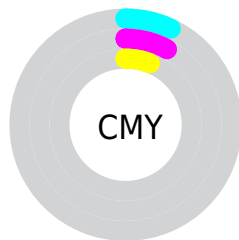


Cyan (1%)

Magenta (2%)

Yellow (0%)

Black (6%)



Cyan (7%)

Magenta (8%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.9279, 83.0822, 93.4852 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 79.9279, 83.0822, 93.4852 by changing the saturation by 10% instead.

■ 79.9279, 83.0822,
93.4852

■ 79.9279, 83.0822,
93.4852

483.4301,
505.2604, 560.1640

■ 59.9673, 62.2580,
70.2849

132.2154,
137.6906, 154.1477

■ 43.6416, 45.2412,
51.2806

165.2730,
172.2435, 192.4470

■ 30.5856, 31.6474,
36.0537

203.4270,
212.1415, 236.6164

■ 20.4337, 21.0923,
24.1857

247.0427,
257.7689, 287.0745

■ 12.8208, 13.1915,
15.2579

296.4855,
309.5100, 344.2398

■ 7.3814, 7.5606,
8.8520

352.1208,

■ 3.7502, 3.8151,

367.7494, 408.5307

4.5493

414.3139,
432.8714, 480.3660

■ 1.5618, 1.5707,
1.9313

■ 0.3673, 0.3377,
0.5125

■ 79.9279, 83.0822,
93.4852

■ 79.9279, 83.0822,
93.4852

■ 70.4685, 68.7790,
91.2242

■ 89.5463, 97.4480,
95.7524

■ 62.0559, 56.3213,
89.2630

■ 92.5802, 99.0121,
95.8944

■ 54.6509, 45.6336,
87.5904

■ 48.2088, 36.6308,
86.1922

■ 42.6815, 29.2207,
85.0532

■ 38.0160, 23.3017,
84.1566

■ 34.1535, 18.7605,
83.4837

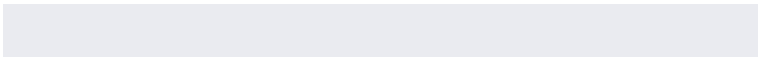
■ 31.0264, 15.4668,
83.0127

■ 28.5541, 13.2637,
82.7178

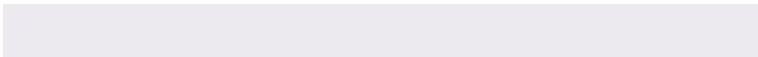
Harmonies

Analogous

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



79.2743, 83.0822, 94.4799



79.9279, 83.0822, 93.4852



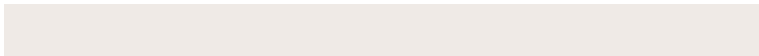
80.3255, 83.0822, 91.6868

Triad

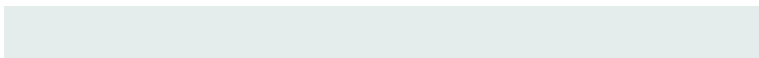
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.9279, 83.0822, 93.4852



79.3935, 83.0822, 86.6491



77.5927, 83.0822, 91.3437

Complementary

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



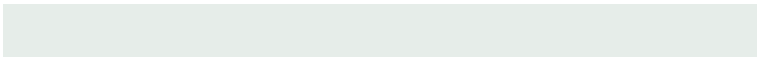
79.9279, 83.0822, 93.4852



80.3130, 85.5086, 90.1180

Split Complementary

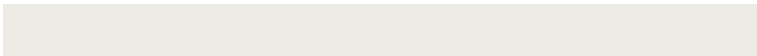
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.6242, 83.0822, 89.2489



79.9279, 83.0822, 93.4852



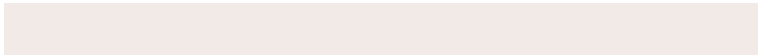
78.6608, 83.0822, 86.5604

Square

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



79.9279, 83.0822, 93.4852



80.0157, 83.0822, 87.7495



78.0141, 83.0822, 87.5055



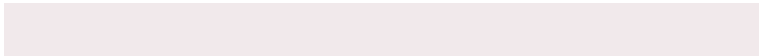
77.9278, 83.0822, 93.2306

Rectangle

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



79.9279, 83.0822, 93.4852



80.3904, 83.0822, 90.2850



78.0141, 83.0822, 87.5055



77.5608, 83.0822, 90.6401

Sweetspot

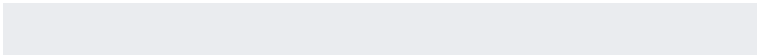
The Sweet Spot groups the original color and five complimentary colors.



79.9303, 83.0858, 93.4870



93.8673, 98.1907, 108.6131



79.5344, 83.7667, 93.6393



20.1039, 21.0359, 23.2507



0.0000, 0.0000, 0.0000



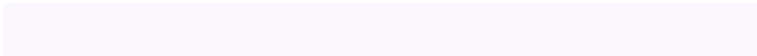
20.3446, 21.4041, 23.3091

Same Dimension

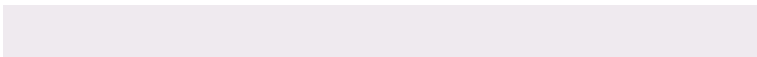
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.9303, 83.0858, 93.4870



91.5402, 94.6396, 108.0503



80.5404, 83.4074, 93.1948



16.9800, 17.4734, 20.1994



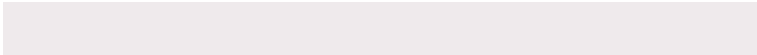
15.0529, 6.7655, 45.6404



1.3642, 0.6205, 3.8021

Inverse Universe

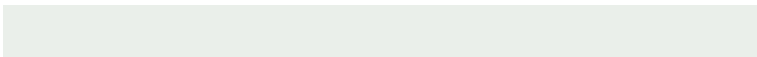
The Inverse Universe completely reimagines the original color for something new.



80.1627, 83.2563, 91.2062



91.9280, 94.9238, 104.2589



79.7125, 85.1922, 90.4026



17.0715, 17.5404, 19.3078



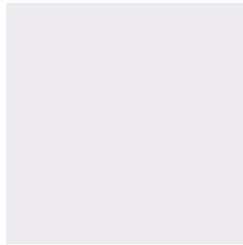
20.8907, 10.6287, 7.3408



1.7858, 0.9033, 0.8627

Previews

White Background



This preview shows how the XYZ color 79.9279, 83.0822, 93.4852 looks on a white background.

Color Contrast Check

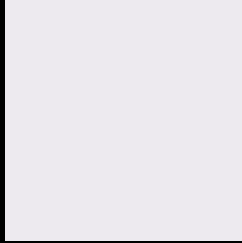
Large Text (above 18pt) WCAG AA × Fail

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 79.9279, 83.0822, 93.4852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

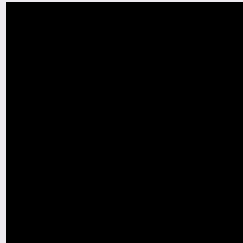
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

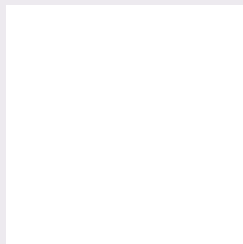
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.9279, 83.0822, 93.4852

Background



This preview shows how black text looks on a background with the XYZ color 79.9279, 83.0822, 93.4852.



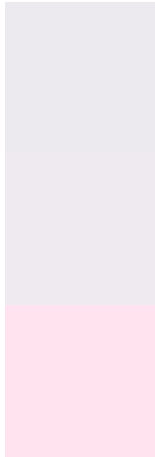
This preview shows how white text looks on a background with the XYZ color 79.9279, 83.0822,

93.4852.

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

79.9279, 83.0822, 93.4852

Protanopia

80.2627, 83.2548, 93.5008

Deuteranopia

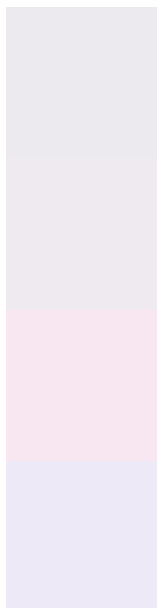
84.7116, 83.0381, 94.0012



Tritanopia

81.8658, 83.0290, 102.9782

Trichromacy



Original Color

79.9279, 83.0822, 93.4852

Protanomaly

80.2627, 83.2548, 93.5008

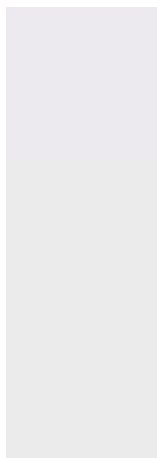
Deuteranomaly

82.7364, 82.8414, 94.0674

Tritanomaly

81.1873, 83.1704, 99.7701

Monochromacy



Original Color

79.9279, 83.0822, 93.4852

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.4407, 83.3057, 91.2495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.9279, 83.0822, 93.4852 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(237, 234, 239) looks like.

```
.text, #text, p{  
    color:rgb(237, 234, 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(237, 234, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 234, 239) }
```

Border

The CSS property to change the border of an element to XYZ 79.9279, 83.0822, 93.4852 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(237, 234, 239) }
```


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

```
.border{ border-color:rgb(237, 234, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 234, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 234, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 234, 239);  
box-shadow:4px 4px 4px 4px rgb(237, 234,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 79.9279, 83.0822, 93.4852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 234, 239) }
```

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

```
.background{ background-color: rgb(237,  
234, 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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