

Converting Colors

XYZ(79.4739, 83.1969, 93.2979)

Have a look what the booklet for
XYZ(79.4739, 83.1969, 93.2979)
contains.

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Color

**XYZ(79.5493, 83.3108,
93.5493)**

Conversions

Conversions Part 1

Format	Color
Hex	EBEBEF
RGB	235, 235, 239
RGB Percent	92%, 92%, 94%
CMY	0.0784, 0.0784, 0.0627
CMYK	0.02, 0.02, 0.00, 0.06
HSL	240°, 11%, 93%
HSV	240°, 2%, 94%
XYZ	79.5493, 83.3108, 93.5493
YIQ	235.4560, -1.2840, 1.2440

Conversions

Conversions Part 2

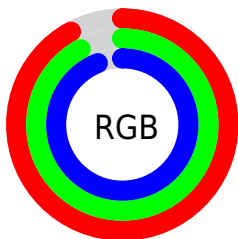
Format	Color
R _Y B	235, 235, 239
Decimal	15461359
CIE Lab	93.15, 0.72, -1.94
CIE LCh	93, 2.072, 290.378
Yxy	83.3108, 0.3102, 0.3249
Android (android.graphics.Color)	4293651439 (0xFFEBEBEF)
YUV	235.4560, 1.7472, -0.3999
Hunter-Lab	91.2748, -4.1615, 3.1248

Details

The XYZ color **79.5493, 83.3108, 93.5493** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.4587, 86.0811, 90.9206**, and the grayscale version is **79.3030, 83.4329, 90.8584**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2577, 45.2428, 51.2526** is the 20% darker color. If you saturate the color by 10%, you get **65.7993, 66.7479, 91.0783**, and if you desaturate by 10%, it is **92.5802, 99.0121, 95.8944**.

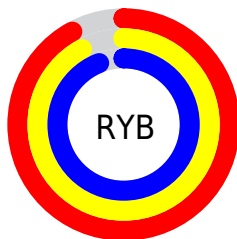
Distribution



Red (92%)

Green (92%)

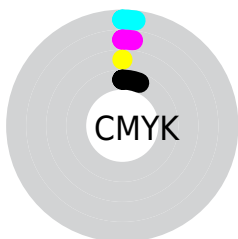
Blue (94%)



Red (92%)

Yellow (92%)

Blue (94%)

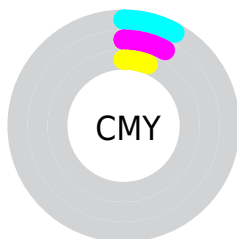


Cyan (2%)

Magenta (2%)

Yellow (0%)

Black (6%)



Cyan (8%)

Magenta (8%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.5493, 83.3108, 93.5493 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 79.5493, 83.3108, 93.5493 by changing the saturation by 10% instead.

■ 79.5493, 83.3108,
93.5493

■ 79.5493, 83.3108,
93.5493

482.1723,
506.0218, 560.3755

■ 59.6547, 62.4466,
70.3379

131.6857,
138.0107, 154.2372

■ 43.3888, 45.3936,
51.3236

164.6583,
172.6151, 192.5507

■ 30.3861, 31.7676,
36.0877

202.7210,
212.5684, 236.7355

■ 20.2814, 21.1840,
24.2117

246.2390,
258.2550, 287.2099

■ 12.7092, 13.2586,
15.2771

295.5778,
310.0592, 344.3926

■ 7.3042, 7.6069,
8.8653

351.1027,

■ 3.7011, 3.8444,

368.3655, 408.7021

4.5578

413.1791,
433.5582, 480.5568

■ 1.5345, 1.5869,
1.9361

■ 0.3491, 0.3488,
0.5155

■ 79.5493, 83.3108,
93.5493

■ 79.5493, 83.3108,
93.5493

■ 65.7993, 66.7479,
91.0783

■ 92.5802, 99.0121,
95.8944

■ 53.9463, 52.4688,
88.9469

■ 43.9095, 40.3769,
87.1419

■ 35.5990, 30.3640,
85.6472

■ 28.9176, 22.3132,
84.4454

■ 23.7585, 16.0957,
83.5172

■ 20.0019, 11.5675,
82.8412

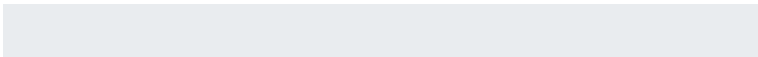
■ 17.5104, 8.5631,
82.3926

■ 16.1187, 6.8837,
82.1418

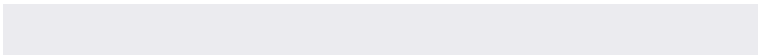
Harmonies

Analogous

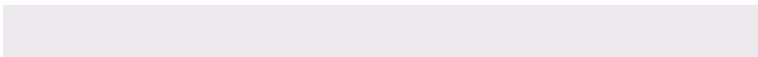
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.0097, 83.3108, 93.6978



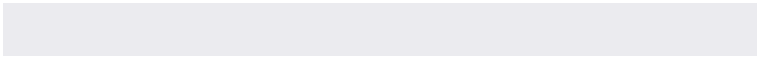
79.5493, 83.3108, 93.5493



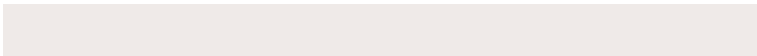
79.9931, 83.3108, 92.6356

Triad

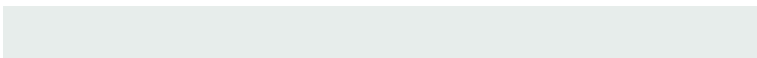
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.5493, 83.3108, 93.5493



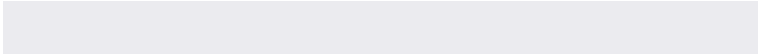
79.8535, 83.3108, 88.4228



78.1573, 83.3108, 90.2114

Complementary

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



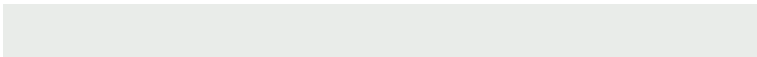
79.5493, 83.3108, 93.5493



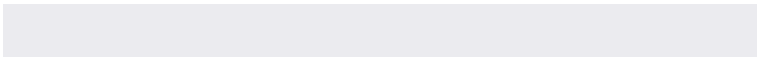
81.4587, 86.0811, 90.9206

Split Complementary

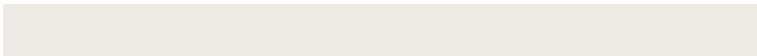
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.3812, 83.3108, 88.8138



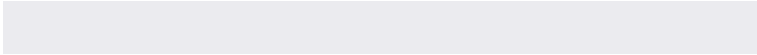
79.5493, 83.3108, 93.5493



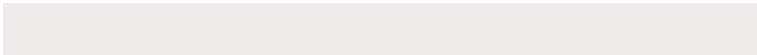
79.3594, 83.3108, 87.7890

Square

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



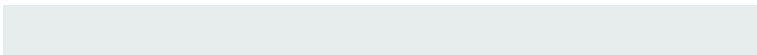
79.5493, 83.3108, 93.5493



80.1693, 83.3108, 89.6719



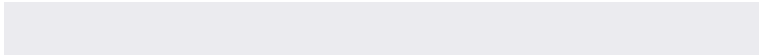
78.8206, 83.3108, 87.9313



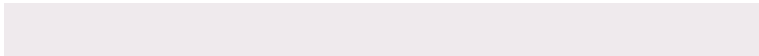
78.2077, 83.3108, 91.7587

Rectangle

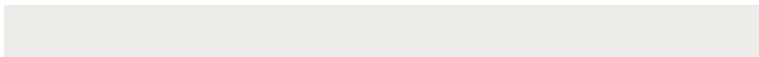
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



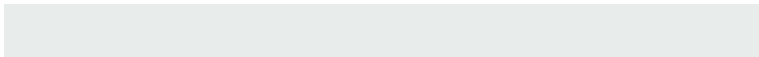
79.5493, 83.3108, 93.5493



80.1740, 83.3108, 91.7213



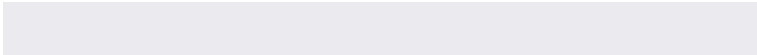
78.8206, 83.3108, 87.9313



78.2030, 83.3108, 89.7088

Sweetspot

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



79.5517, 83.3144, 93.5511



93.3107, 97.9048, 108.5873



80.6989, 85.6246, 93.8849



19.9907, 20.9777, 23.2454



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

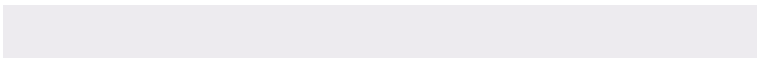
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.5517, 83.3144, 93.5511



91.5945, 95.8375, 108.2787



80.1925, 83.6431, 93.5808



17.1927, 17.9947, 20.2888



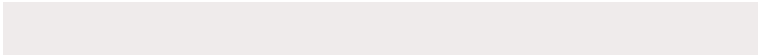
8.6117, 3.4476, 45.3394



0.7168, 0.2876, 3.7720

Inverse Universe

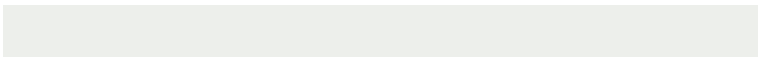
The Inverse Universe completely reimagines the original color for something new.



80.3022, 83.7672, 90.5377



92.6349, 96.4652, 104.1014



80.8105, 85.7486, 90.8906



17.3769, 18.1058, 19.5492



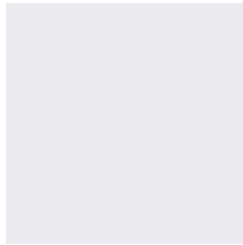
19.6724, 10.1414, 0.9255



1.6368, 0.8438, 0.0781

Previews

White Background



This preview shows how the XYZ color 79.5493, 83.3108, 93.5493 looks on a white background.

Color Contrast Check

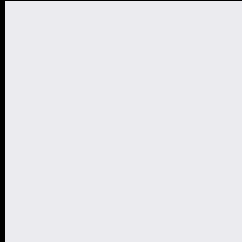
Large Text (above 18pt) WCAG AA × Fail

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 79.5493, 83.3108, 93.5493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

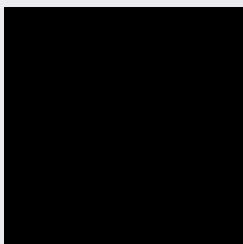
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

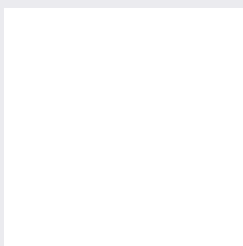
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.5493, 83.3108, 93.5493

Background



This preview shows how black text looks on a background with the XYZ color 79.5493, 83.3108, 93.5493.



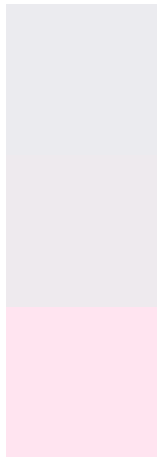
This preview shows how white text looks on a background with the XYZ color 79.5493, 83.3108,

93.5493.

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

79.5493, 83.3108, 93.5493

Protanopia

80.1153, 83.1958, 92.7248

Deuteranopia

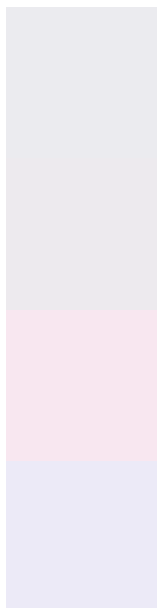
84.7116, 83.0381, 94.0012



Tritanopia

81.4766, 83.2474, 103.0409

Trichromacy



Original Color

79.5493, 83.3108, 93.5493

Protanomaly

79.7805, 83.0232, 92.7091

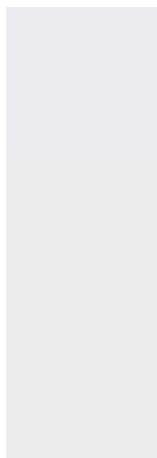
Deuteranomaly

83.0155, 83.3996, 94.1604

Tritanomaly

80.8034, 83.3939, 99.8335

Monochromacy



Original Color

79.5493, 83.3108, 93.5493

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.1096, 83.1350, 91.2340

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.5493, 83.3108, 93.5493 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, 235, 239) looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 79.5493, 83.3108, 93.5493 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, 235, 239) }
```


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

```
.border{ border-color:rgb(235, 235, 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, 235, 239)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 79.5493, 83.3108, 93.5493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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