

Converting Colors

XYZ(79.4134, 83.6122, 95.4430)

Have a look what the booklet for
XYZ(79.4134, 83.6122, 95.4430)
contains.

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Color

**XYZ(79.4769, 83.6654,
95.1792)**

Conversions

Conversions Part 1

Format	Color
Hex	E9ECF1
RGB	233, 236, 241
RGB Percent	91%, 93%, 95%
CMY	0.0863, 0.0745, 0.0549
CMYK	0.03, 0.02, 0.00, 0.05
HSL	217°, 22%, 93%
HSV	217°, 3%, 95%
XYZ	79.4769, 83.6654, 95.1792
YIQ	235.6730, -3.3930, 0.9190

Conversions

Conversions Part 2

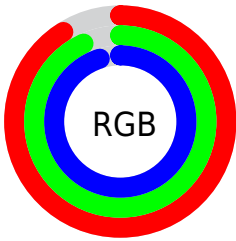
Format	Color
R _Y B	233, 235, 241
Decimal	15330545
CIE Lab	93.30, -0.09, -2.77
CIE LCh	93, 2.775, 268.183
Yxy	83.6654, 0.3077, 0.3239
Android (android.graphics.Color)	4293520625 (0xFFE9ECF1)
YUV	235.6730, 2.6262, -2.3442
Hunter-Lab	91.4688, -4.9724, 2.3331

Details

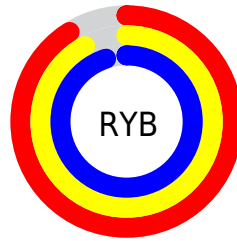
The XYZ color **79.4769, 83.6654, 95.1792** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **81.5583, 85.7321, 89.3415**, and the grayscale version is **79.4633, 83.6015, 91.0421**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2097, 45.4924, 52.4025** is the 20% darker color. If you saturate the color by 10%, you get **67.9885, 71.5807, 93.4534**, and if you desaturate by 10%, it is **91.6323, 96.6407, 97.0443**.

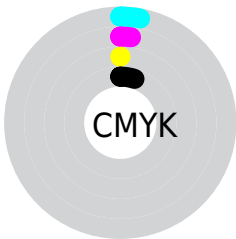
Distribution



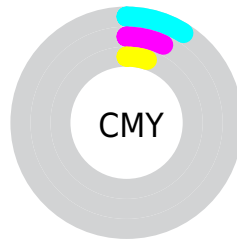
- Red (91%)
- Green (93%)
- Blue (95%)



- Red (91%)
- Yellow (92%)
- Blue (95%)



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)
- Black (5%)



- Cyan (9%)
- Magenta (7%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.4769, 83.6654, 95.1792 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 79.4769, 83.6654, 95.1792 by changing the saturation by 10% instead.

■ 79.4769, 83.6654,
95.1792

■ 79.4769, 83.6654,
95.1792

481.9316,
507.2015, 565.7375

■ 59.5950, 62.7392,
71.6864

131.5844,
138.5070, 156.5099

■ 43.3405, 45.6303,
52.4173

164.5407,
173.1913, 195.1848

■ 30.3480, 31.9542,
36.9533

202.5859,
213.2303, 239.7576

■ 20.2523, 21.3265,
24.8758

246.0852,
259.0085, 290.6467

■ 12.6879, 13.3629,
15.7664

295.4041,
310.9104, 348.2707

■ 7.2895, 7.6789,
9.2064

350.9079,

■ 3.6917, 3.8902,

369.3202, 413.0482

4.7774

412.9620,
434.6225, 485.3976

■ 1.5293, 1.6123,
2.0608

■ 0.3456, 0.3659,
0.5923

■ 79.4769, 83.6654,
95.1792

■ 79.4769, 83.6654,
95.1792

■ 67.9885, 71.5807,
93.4534

■ 91.6323, 96.6407,
97.0443

■ 57.8852, 60.7366,
91.8928

■ 92.8774, 99.1310,
97.4593

■ 49.1138, 51.0942,
90.4939

■ 41.6150, 42.6084,
89.2512

■ 35.3247, 35.2311,
88.1588

■ 30.1725, 28.9103,
87.2103

■ 26.0804, 23.5892,
86.3989

■ 22.9593, 19.2041,
85.7170

■ 20.7025, 15.6814,
85.1560

Harmonies

Analogous

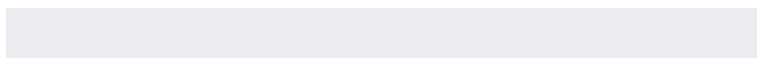
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.7829, 83.6654, 94.5600



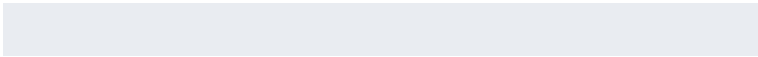
79.4769, 83.6654, 95.1792



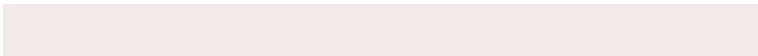
80.1869, 83.6654, 94.6909

Triad

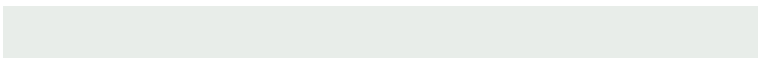
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.4769, 83.6654, 95.1792



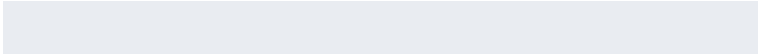
80.7665, 83.6654, 89.2100



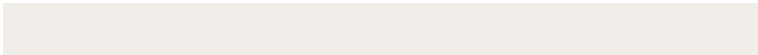
78.3334, 83.6654, 88.9921

Complementary

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



79.4769, 83.6654, 95.1792



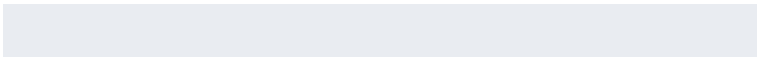
81.5583, 85.7321, 89.3415

Split Complementary

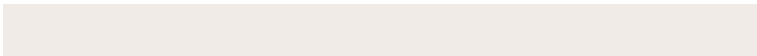
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.8597, 83.6654, 87.5960



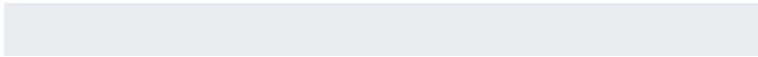
79.4769, 83.6654, 95.1792



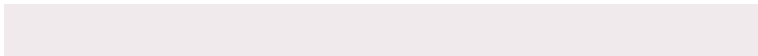
80.2646, 83.6654, 87.7204

Square

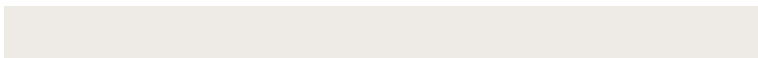
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



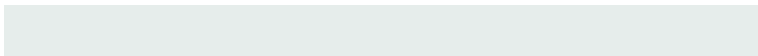
79.4769, 83.6654, 95.1792



80.9342, 83.6654, 91.2251



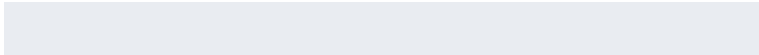
79.5660, 83.6654, 87.1340



78.1252, 83.6654, 90.9698

Rectangle

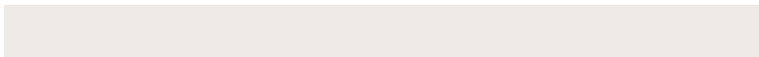
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



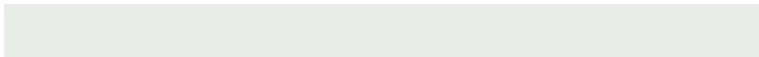
79.4769, 83.6654, 95.1792



80.5733, 83.6654, 93.8071



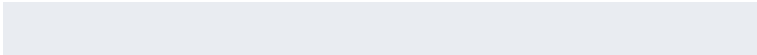
79.5660, 83.6654, 87.1340



78.4788, 83.6654, 88.4404

Sweetspot

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



79.4793, 83.6690, 95.1810



93.6121, 98.5077, 108.6877



80.4837, 86.4047, 93.2747



20.0520, 21.1004, 23.2659



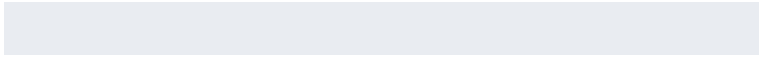
0.0000, 0.0000, 0.0000



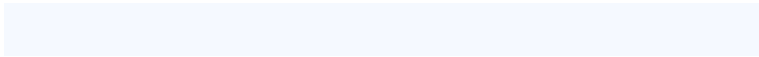
20.3446, 21.4041, 23.3091

Same Dimension

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



79.4793, 83.6690, 95.1810



89.3978, 94.1193, 108.0628



78.9272, 82.1112, 94.9095



16.5598, 17.4359, 20.2143



10.7341, 7.6925, 46.0469



0.9856, 0.8252, 3.8615

Inverse Universe

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



80.5567, 83.0363, 91.1429



90.8731, 93.2603, 102.5317



82.1223, 87.3320, 89.6206



16.8848, 17.2483, 18.9951



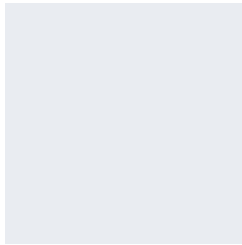
20.7437, 10.5699, 6.5670



1.7724, 0.8980, 0.7925

Previews

White Background



This preview shows how the XYZ color 79.4769, 83.6654, 95.1792 looks on a white background.

Color Contrast Check

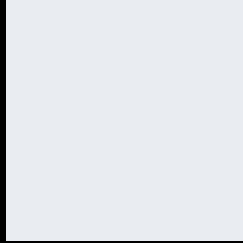
Large Text (above 18pt) WCAG AA × Fail

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 79.4769, 83.6654, 95.1792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

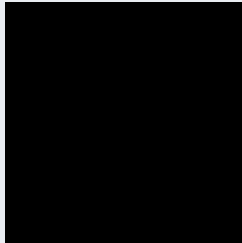
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

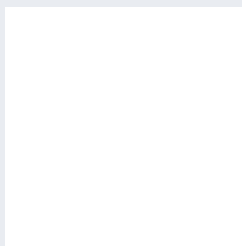
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.4769, 83.6654, 95.1792

Background



This preview shows how black text looks on a background with the XYZ color 79.4769, 83.6654, 95.1792.



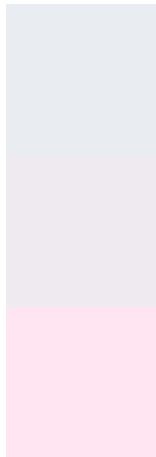
This preview shows how white text looks on a background with the XYZ color 79.4769, 83.6654,

95.1792.

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

79.4769, 83.6654, 95.1792

Protanopia

80.4109, 83.3141, 94.2812

Deuteranopia

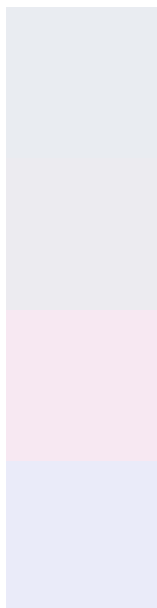
85.2863, 83.7094, 95.6669



Tritanopia

81.4134, 83.5997, 104.7739

Trichromacy



Original Color

79.4769, 83.6654, 95.1792

Protanomaly

80.0286, 83.5408, 94.3451

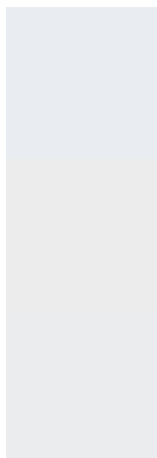
Deuteranomaly

83.2414, 83.8982, 95.8111

Tritanomaly

80.7389, 83.7486, 101.5322

Monochromacy



Original Color

79.4769, 83.6654, 95.1792

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.6890, 83.8261, 92.8689

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4769, 83.6654, 95.1792 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(233, 236, 241) looks like.

```
.text, #text, p{  
    color:rgb(233, 236, 241)  
}
```

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(233, 236, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 236, 241) }
```

Border

The CSS property to change the border of an element to XYZ 79.4769, 83.6654, 95.1792 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(233, 236, 241) }
```


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

```
.border{ border-color:rgb(233, 236, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 236, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 236, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 236, 241);  
box-shadow:4px 4px 4px 4px rgb(233, 236,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4769, 83.6654, 95.1792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 236, 241) }
```

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

```
.background{ background-color: rgb(233,  
236, 241) }
```

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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