

Converting Colors

XYZ(79.7529, 85.4596, 96.3071)

Have a look what the booklet for
XYZ(79.7529, 85.4596, 96.3071)
contains.

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Color

**XYZ(79.8202, 85.5540,
96.3110)**

Conversions

Conversions Part 1

Format	Color
Hex	E6F0F2
RGB	230, 240, 242
RGB Percent	90%, 94%, 95%
CMY	0.0980, 0.0588, 0.0510
CMYK	0.05, 0.01, 0.00, 0.05
HSL	190°, 32%, 93%
HSV	190°, 5%, 95%
XYZ	79.8202, 85.5540, 96.3110
YIQ	237.2380, -6.6020, -1.4980

Conversions

Conversions Part 2

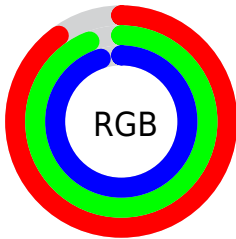
Format	Color
R_{YB}	230, 235, 242
Decimal	15134962
CIE Lab	94.12, -2.93, -2.12
CIE LCh	94, 3.617, 215.908
Yxy	85.5540, 0.3050, 0.3269
Android (android.graphics.Color)	4293325042 (0xFFE6F0F2)
YUV	237.2380, 2.3477, -6.3477
Hunter-Lab	92.4954, -7.8279, 3.0110

Details

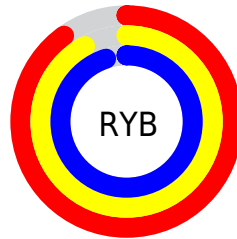
The XYZ color **79.8202, 85.5540, 96.3110** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.7576, 82.3027, 86.5465**, and the grayscale version is **80.6678, 84.8688, 92.4221**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4590, 46.8248, 53.2019** is the 20% darker color. If you saturate the color by 10%, you get **71.4155, 79.4838, 95.5836**, and if you desaturate by 10%, it is **89.3342, 92.2399, 97.1014**.

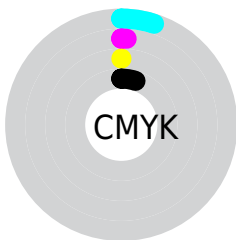
Distribution



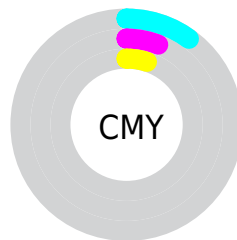
- Red (90%)
- Green (94%)
- Blue (95%)



- Red (90%)
- Yellow (92%)
- Blue (95%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (5%)



- Cyan (10%)
- Magenta (6%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.8202, 85.5540, 96.3110 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 79.8202, 85.5540, 96.3110 by changing the saturation by 10% instead.

■ 79.8202, 85.5540,
96.3110

■ 79.8202, 85.5540,
96.3110

483.0725,
513.4594, 569.4447

■ 59.8784, 64.2992,
72.6237

132.0648,
141.1469, 158.0857

■ 43.5697, 46.8931,
53.1784

165.0982,
176.2539, 197.0102

■ 30.5288, 32.9511,
37.5565

203.2262,
216.7471, 241.8508

■ 20.3904, 22.0890,
25.3395

246.8142,
263.0108, 293.0260

■ 12.7890, 13.9223,
16.1088

296.2274,
315.4295, 350.9545

■ 7.3594, 8.0667,
9.4460

351.8313,

■ 3.7362, 4.1376,

374.3876, 416.0548

4.9325

413.9912,
440.2694, 488.7453

■ 1.5540, 1.7508,
2.1496

■ 0.3621, 0.4563,
0.6451

■ 79.8202, 85.5540,
96.3110

■ 79.8202, 85.5540,
96.3110

■ 71.4155, 79.4838,
95.5836

■ 89.3342, 92.2399,
97.1014

■ 64.0685, 73.9952,
94.9114

■ 90.8520, 94.8404,
97.5233

■ 57.7342, 69.0673,
94.2941

■ 92.1034, 97.3432,
97.9405

■ 52.3617, 64.6734,
93.7292

■ 93.0273, 99.1909,
98.2484

■ 47.8953, 60.7847,
93.2140

■ 44.2737, 57.3693,
92.7456

■ 41.4276, 54.3911,
92.3208

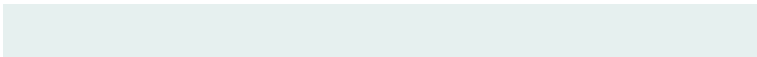
■ 39.2765, 51.8085,
91.9357

■ 37.7215, 49.5701,
91.5856

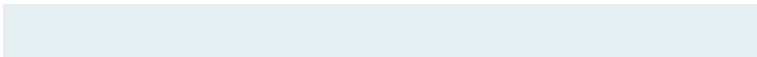
Harmonies

Analogous

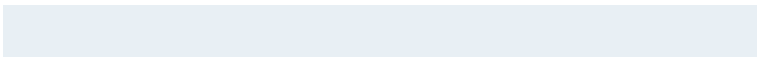
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.4815, 85.5540, 93.7028



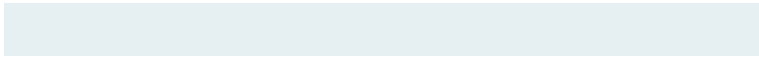
79.8202, 85.5540, 96.3110



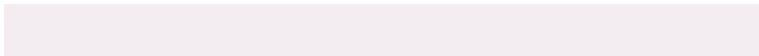
80.5601, 85.5540, 98.0986

Triad

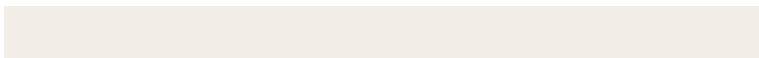
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.8202, 85.5540, 96.3110



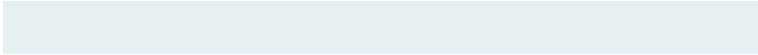
83.0253, 85.5540, 95.3438



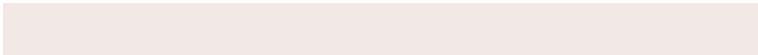
81.1253, 85.5540, 87.9582

Complementary

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



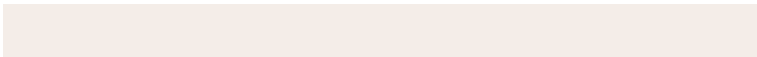
79.8202, 85.5540, 96.3110



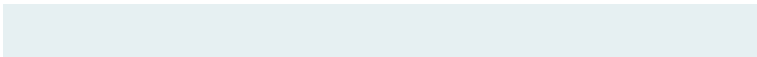
79.7576, 82.3027, 86.5465

Split Complementary

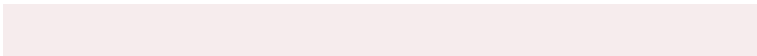
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.0777, 85.5540, 88.3779



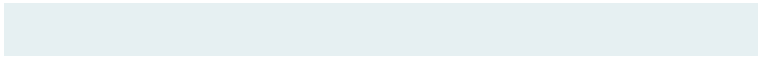
79.8202, 85.5540, 96.3110



83.1795, 85.5540, 92.6068

Square

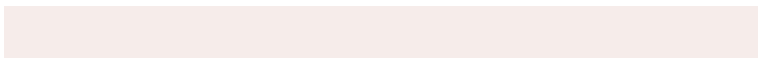
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.8202, 85.5540, 96.3110



82.4116, 85.5540, 97.5325



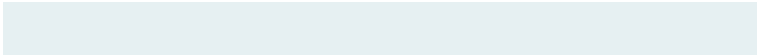
82.8314, 85.5540, 90.0663



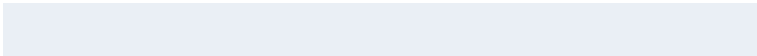
80.2312, 85.5540, 88.9081

Rectangle

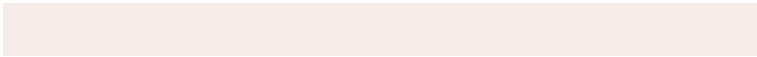
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.8202, 85.5540, 96.3110



81.1839, 85.5540, 98.5653



82.8314, 85.5540, 90.0663



81.4492, 85.5540, 87.9440

Sweetspot

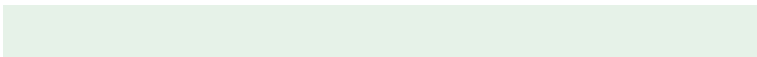
The Sweet Spot groups the original color and five complimentary colors.



79.8226, 85.5576, 96.3129



93.9829, 99.2492, 108.8113



78.9236, 86.1434, 88.6639



20.1275, 21.2513, 23.2910



0.0000, 0.0000, 0.0000



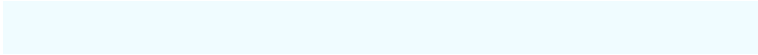
20.3446, 21.4041, 23.3091

Same Dimension

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



79.8226, 85.5576, 96.3129



88.8369, 95.5997, 108.3781



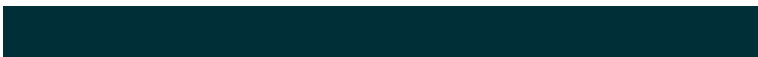
78.1412, 82.1947, 95.7524



16.5268, 17.8261, 20.2913



20.0109, 26.2461, 49.1392



1.7235, 2.3011, 4.1075

Inverse Universe

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



80.6448, 81.7637, 93.9740



89.9547, 90.4608, 105.1935



81.4185, 85.6244, 87.1001



16.7569, 16.7708, 19.6354



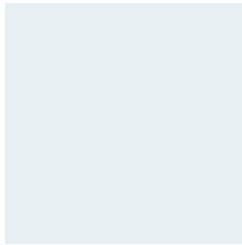
25.4262, 12.4429, 31.2246



2.1449, 1.0470, 2.7539

Previews

White Background



This preview shows how the XYZ color 79.8202, 85.5540, 96.3110 looks on a white background.

Color Contrast Check

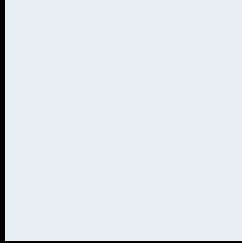
Large Text (above 18pt) WCAG AA × Fail

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 79.8202, 85.5540, 96.3110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

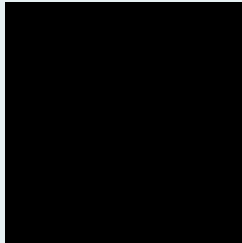
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

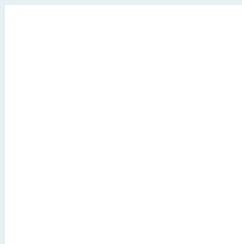
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.8202, 85.5540, 96.3110

Background



This preview shows how black text looks on a background with the XYZ color 79.8202, 85.5540, 96.3110.



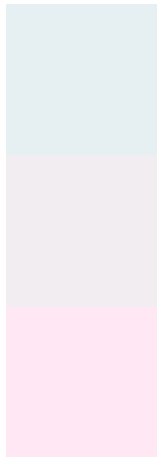
This preview shows how white text looks on a background with the XYZ color 79.8202, 85.5540,

96.3110.

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

79.8202, 85.5540, 96.3110

Protanopia

82.2880, 85.5604, 94.6158

Deuteranopia

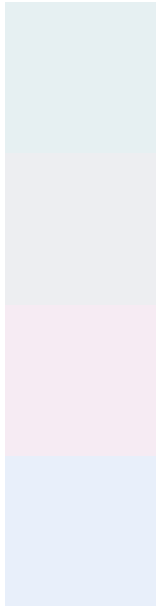
86.2743, 85.4443, 96.7393



Tritanopia

82.2288, 85.6927, 106.8142

Trichromacy



Original Color

79.8202, 85.5540, 96.3110

Protanomaly

81.3768, 85.5045, 95.4341

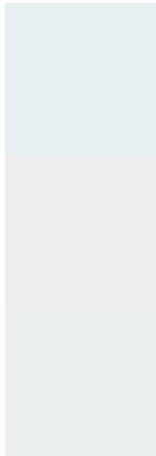
Deuteranomaly

83.8920, 85.4806, 96.8718

Tritanomaly

81.4005, 85.7909, 102.7115

Monochromacy



Original Color

79.8202, 85.5540, 96.3110

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.0862, 84.8735, 93.8226

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.8202, 85.5540, 96.3110 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, 240, 242) looks like.

```
.text, #text, p{  
    color:rgb(230, 240, 242)  
}
```

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, 240, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 240, 242) }
```

Border

The CSS property to change the border of an element to XYZ 79.8202, 85.5540, 96.3110 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, 240, 242) }
```


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

```
.border{ border-color:rgb(230, 240, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 240, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 240, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 240, 242);  
box-shadow:4px 4px 4px 4px rgb(230, 240,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 79.8202, 85.5540, 96.3110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 240, 242) }
```

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

```
.background{ background-color: rgb(230,  
240, 242) }
```

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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