

Converting Colors

XYZ(79.7776, 85.5673, 99.4047)

Have a look what the booklet for
XYZ(79.7776, 85.5673, 99.4047)
contains.

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Color

**XYZ(79.7895, 85.4680,
99.4804)**

Conversions

Conversions Part 1

Format	Color
Hex	E4F0F6
RGB	228, 240, 246
RGB Percent	89%, 94%, 96%
CMY	0.1059, 0.0588, 0.0353
CMYK	0.07, 0.02, 0.00, 0.04
HSL	200°, 50%, 93%
HSV	200°, 7%, 96%
XYZ	79.7895, 85.4680, 99.4804
YIQ	237.0960, -9.0780, -0.6780

Conversions

Conversions Part 2

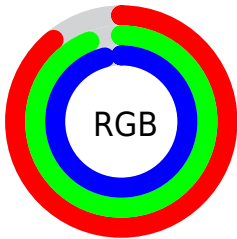
Format	Color
R _Y B	228, 235, 246
Decimal	15003894
CIE Lab	94.08, -2.83, -4.27
CIE LCh	94, 5.122, 236.446
Yxy	85.4680, 0.3014, 0.3228
Android (android.graphics.Color)	4293193974 (0xFFE4F0F6)
YUV	237.0960, 4.3897, -7.9772
Hunter-Lab	92.4489, -7.7283, 0.9147

Details

The XYZ color **79.7895, 85.4680, 99.4804** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.4326, 84.0390, 85.3292**, and the grayscale version is **80.5445, 84.7391, 92.2809**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6683, 46.8829, 55.4629** is the 20% darker color. If you saturate the color by 10%, you get **70.1763, 77.0136, 98.3565**, and if you desaturate by 10%, it is **90.6270, 94.7200, 100.6963**.

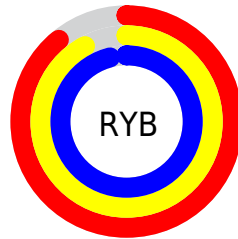
Distribution



Red (89%)

Green (94%)

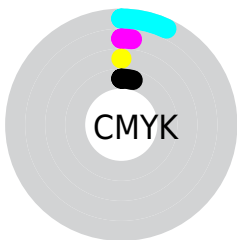
Blue (96%)



Red (89%)

Yellow (92%)

Blue (96%)

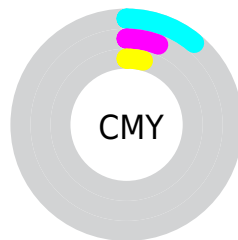


Cyan (7%)

Magenta (2%)

Yellow (0%)

Black (4%)



Cyan (11%)

Magenta (6%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.7895, 85.4680, 99.4804 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 79.7895, 85.4680, 99.4804 by changing the saturation by 10% instead.

■ 79.7895, 85.4680,
99.4804

■ 79.7895, 85.4680,
99.4804

482.9705,
513.1754, 579.7579

■ 59.8530, 64.2281,
75.2522

132.0218,
141.0269, 162.4886

■ 43.5492, 46.8355,
55.3166

165.0484,
176.1147, 202.1057

■ 30.5126, 32.9056,
39.2549

203.1690,
216.5872, 247.6895

■ 20.3780, 22.0542,
26.6487

246.7490,
262.8289, 299.6585

■ 12.7800, 13.8967,
17.0795

296.1538,
315.2242, 358.4313

■ 7.3532, 8.0488,
10.1286

351.7488,

■ 3.7322, 4.1262,

374.1575, 424.4265

5.3776

413.8992,
440.0131, 498.0625

■ 1.5518, 1.7444,
2.4079

■ 0.3607, 0.4522,
0.7907

■ 79.7895, 85.4680,
99.4804

■ 79.7895, 85.4680,
99.4804

■ 70.1763, 77.0136,
98.3565

■ 90.6270, 94.7200,
100.6963

■ 61.7319, 69.3191,
97.3164

■ 93.6348, 99.4339,
101.4477

■ 54.4074, 62.3594,
96.3591

■ 48.1474, 56.1037,
95.4816

■ 42.8913, 50.5187,
94.6806

■ 38.5723, 45.5674,
93.9525

■ 35.1143, 41.2085,
93.2934

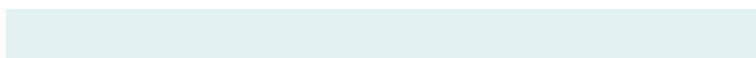
■ 32.4286, 37.3936,
92.6986

■ 30.3996, 34.0609,
92.1623

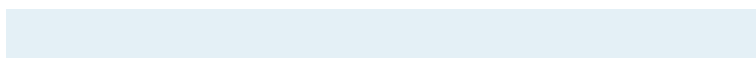
Harmonies

Analogous

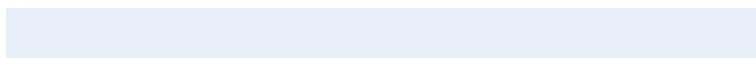
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.9023, 85.4680, 96.4556



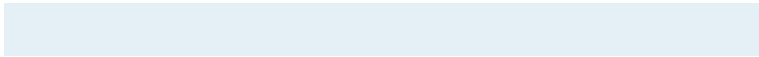
79.7895, 85.4680, 99.4804



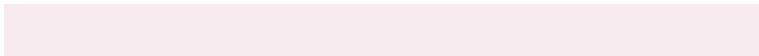
81.0718, 85.4680, 100.7834

Triad

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



79.7895, 85.4680, 99.4804



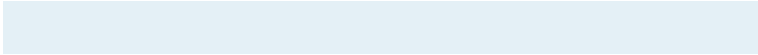
83.8885, 85.4680, 93.5280



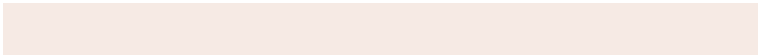
80.0689, 85.4680, 86.4767

Complementary

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



79.7895, 85.4680, 99.4804



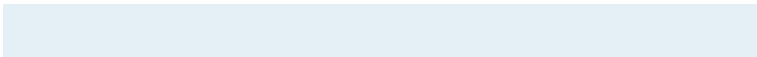
81.4326, 84.0390, 85.3292

Split Complementary

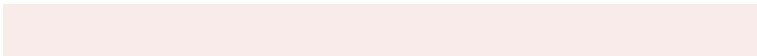
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.3980, 85.4680, 85.7419



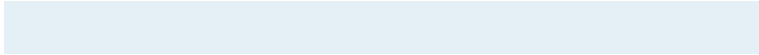
79.7895, 85.4680, 99.4804



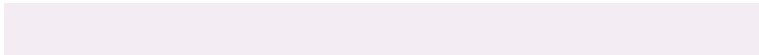
83.6128, 85.4680, 89.7453

Square

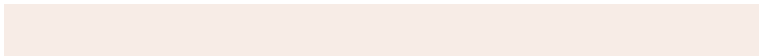
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



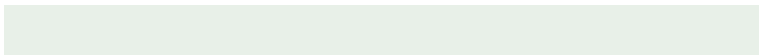
79.7895, 85.4680, 99.4804



83.4467, 85.4680, 97.2865



82.6974, 85.4680, 86.9222



79.0623, 85.4680, 88.9580

Rectangle

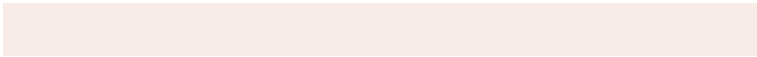
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.7895, 85.4680, 99.4804



81.9817, 85.4680, 100.4739



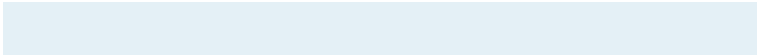
82.6974, 85.4680, 86.9222



80.4924, 85.4680, 86.0203

Sweetspot

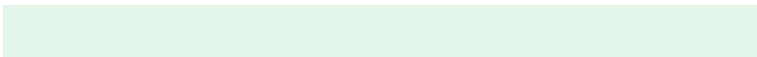
The Sweet Spot groups the original color and five complimentary colors.



79.7920, 85.4716, 99.4823



92.6589, 97.9663, 108.6335



79.7602, 88.3302, 90.4630



19.8579, 20.9902, 23.2548



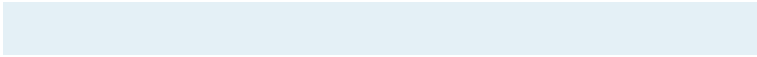
0.0000, 0.0000, 0.0000



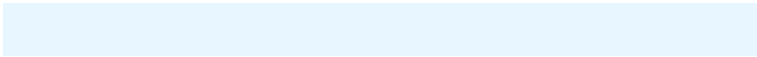
20.3446, 21.4041, 23.3091

Same Dimension

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



79.7920, 85.4716, 99.4823



84.7144, 91.1230, 107.7313



77.2907, 80.4690, 98.6485



16.5045, 17.7733, 21.1033



16.1041, 18.0020, 49.1640



1.5096, 1.7706, 4.3524

Inverse Universe

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



81.4795, 81.3725, 93.8544



86.9540, 85.7387, 100.2494



83.9718, 89.1174, 86.1756



16.9652, 16.6689, 19.5635



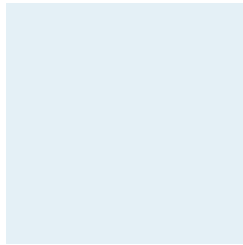
23.9331, 11.9167, 20.1540



2.1510, 1.0664, 2.0217

Previews

White Background



This preview shows how the XYZ color 79.7895, 85.4680, 99.4804 looks on a white background.

Color Contrast Check

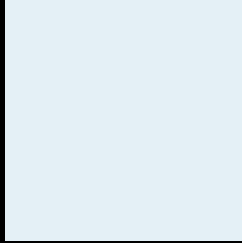
Large Text (above 18pt) WCAG AA × Fail

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 79.7895, 85.4680, 99.4804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

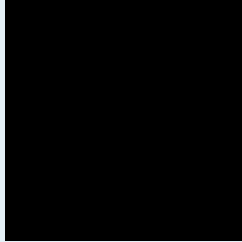
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

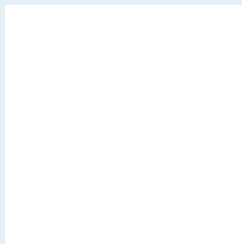
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.7895, 85.4680, 99.4804

Background



This preview shows how black text looks on a background with the XYZ color 79.7895, 85.4680, 99.4804.



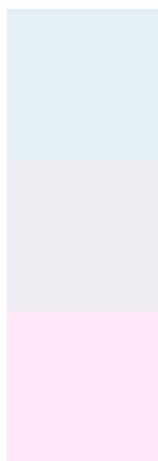
This preview shows how white text looks on a background with the XYZ color 79.7895, 85.4680,

99.4804.

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

79.7895, 85.4680, 99.4804

Protanopia

82.2598, 85.0478, 97.6683

Deuteranopia

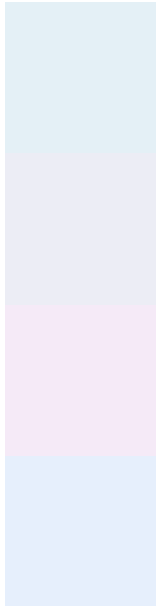
86.6044, 85.1272, 99.8623



Tritanopia

81.5795, 85.3580, 106.7838

Trichromacy



Original Color

79.7895, 85.4680, 99.4804

Protanomaly

81.3577, 84.9938, 98.5036

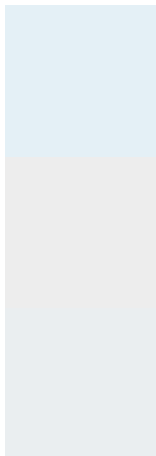
Deuteranomaly

83.8675, 84.9735, 99.9769

Tritanomaly

81.0703, 85.5843, 104.3420

Monochromacy



Original Color

79.7895, 85.4680, 99.4804

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.2344, 84.9328, 94.6029

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.7895, 85.4680, 99.4804 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(228, 240, 246)` looks like.

```
.text, #text, p{  
    color:rgb(228, 240, 246)  
}
```

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(228, 240, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 240, 246) }
```

Border

The CSS property to change the border of an element to XYZ 79.7895, 85.4680, 99.4804 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(228, 240, 246) }
```


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

```
.border{ border-color:rgb(228, 240, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 240, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 240, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 240, 246);  
box-shadow:4px 4px 4px 4px rgb(228, 240,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 79.7895, 85.4680, 99.4804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 240, 246) }
```

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

```
.background{ background-color: rgb(228,  
240, 246) }
```

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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