

Converting Colors

XYZ(79.5809, 85.6473, 98.0489)

Have a look what the booklet for
XYZ(79.5809, 85.6473, 98.0489)
contains.

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Color

**XYZ(79.7793, 85.9362,
97.9705)**

Conversions

Conversions Part 1

Format	Color
Hex	E4F1F4
RGB	228, 241, 244
RGB Percent	89%, 95%, 96%
CMY	0.1059, 0.0549, 0.0431
CMYK	0.07, 0.01, 0.00, 0.04
HSL	191°, 42%, 93%
HSV	191°, 7%, 96%
XYZ	79.7793, 85.9362, 97.9705
YIQ	237.4550, -8.7110, -1.8230

Conversions

Conversions Part 2

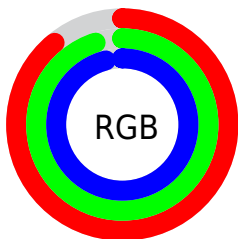
Format	Color
R _Y B	228, 235, 244
Decimal	15004148
CIE Lab	94.29, -3.72, -2.94
CIE LCh	94, 4.735, 218.307
Yxy	85.9362, 0.3026, 0.3259
Android (android.graphics.Color)	4293194228 (0xFFE4F1F4)
YUV	237.4550, 3.2267, -8.2920
Hunter-Lab	92.7018, -8.6107, 2.2315

Details

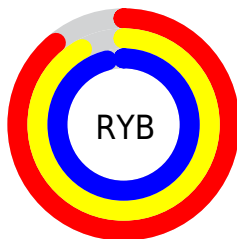
The XYZ color **79.7793, 85.9362, 97.9705** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.8880, 81.9857, 85.0143**, and the grayscale version is **80.8297, 85.0391, 92.6076**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6596, 47.2130, 54.3889** is the 20% darker color. If you saturate the color by 10%, you get **71.2433, 79.5552, 97.1901**, and if you desaturate by 10%, it is **89.4466, 92.9555, 98.8172**.

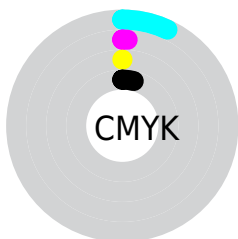
Distribution



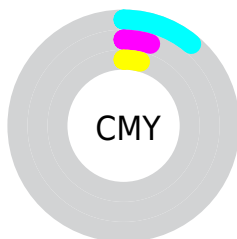
- Red (89%)
- Green (95%)
- Blue (96%)



- Red (89%)
- Yellow (92%)
- Blue (96%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (4%)



- Cyan (11%)
- Magenta (5%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.7793, 85.9362, 97.9705 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 79.7793, 85.9362, 97.9705 by changing the saturation by 10% instead.

■ 79.7793, 85.9362,
97.9705

■ 79.7793, 85.9362,
97.9705

482.9366,
514.7208, 574.8571

■ 59.8446, 64.6152,
73.9993

132.0075,
141.6805, 160.3928

■ 43.5424, 47.1491,
54.2967

165.0318,
176.8725, 199.6811

■ 30.5073, 33.1536,
38.4441

203.1500,
217.4571, 244.9120

■ 20.3739, 22.2441,
26.0231

246.7274,
263.8185, 296.5043

■ 12.7770, 14.0364,
16.6150

296.1294,
316.3412, 354.8764

■ 7.3511, 8.1460,
9.8013

351.7214,

■ 3.7309, 4.1885,

375.4095, 420.4469

5.1635

413.8687,
441.4079, 493.6343

■ 1.5510, 1.7796,
2.2831

■ 0.3602, 0.4744,
0.7217

■ 79.7793, 85.9362,
97.9705

■ 79.7793, 85.9362,
97.9705

■ 71.2433, 79.5552,
97.1901

■ 89.4466, 92.9555,
98.8172

■ 63.7855, 73.7777,
96.4680

■ 91.7998, 96.2526,
99.3295

■ 57.3593, 68.5817,
95.8037

■ 93.2381, 99.1291,
99.8090

■ 51.9120, 63.9395,
95.1948

■ 93.3294, 99.3118,
99.8394

■ 47.3859, 59.8211,
94.6384

■ 43.7172, 56.1933,
94.1315

■ 40.8336, 53.0183,
93.6707

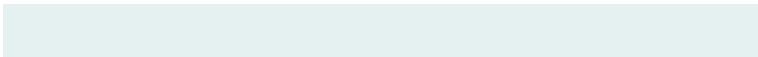
■ 38.6504, 50.2521,
93.2518

■ 37.0613, 47.8395,
92.8699

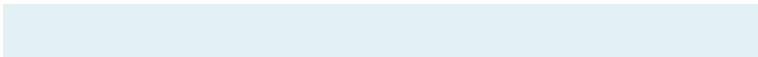
Harmonies

Analogous

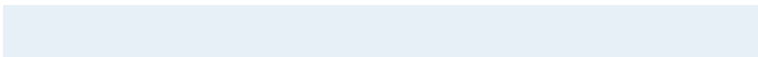
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.2882, 85.9362, 94.5835



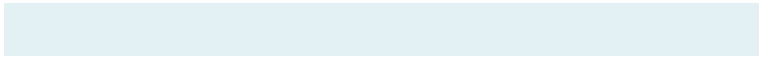
79.7793, 85.9362, 97.9705



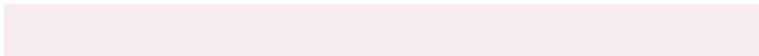
80.7808, 85.9362, 100.2170

Triad

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



79.7793, 85.9362, 97.9705



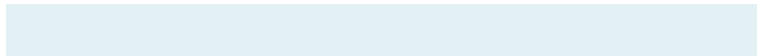
83.9689, 85.9362, 96.1778



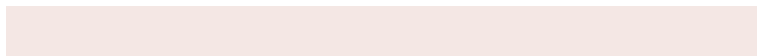
81.3276, 85.9362, 86.8216

Complementary

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



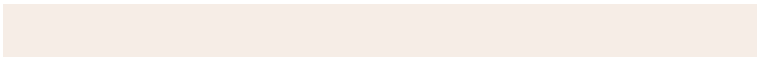
79.7793, 85.9362, 97.9705



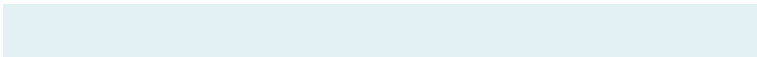
79.8880, 81.9857, 85.0143

Split Complementary

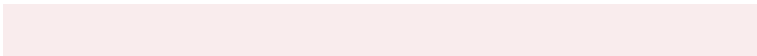
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.5854, 85.9362, 87.2235



79.7793, 85.9362, 97.9705



84.1190, 85.9362, 92.5636

Square

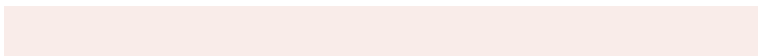
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



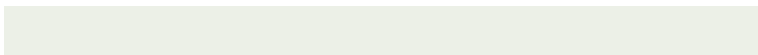
79.7793, 85.9362, 97.9705



83.2022, 85.9362, 99.1634



83.6102, 85.9362, 89.3031



80.1760, 85.9362, 88.1908

Rectangle

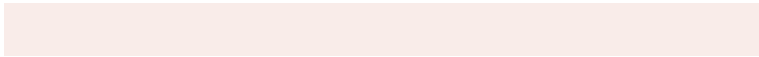
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



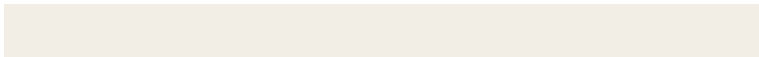
79.7793, 85.9362, 97.9705



81.6077, 85.9362, 100.7329



83.6102, 85.9362, 89.3031



81.7519, 85.9362, 86.7548

Sweetspot

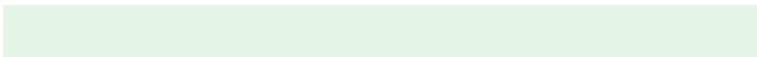
The Sweet Spot groups the original color and five complimentary colors.



79.7818, 85.9398, 97.9724



92.8946, 98.4377, 108.7120



78.7613, 86.9625, 88.1875



19.9059, 21.0861, 23.2708



0.0000, 0.0000, 0.0000



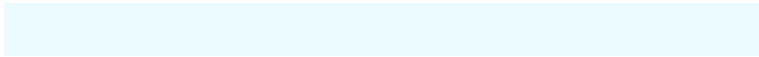
20.3446, 21.4041, 23.3091

Same Dimension

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



79.7818, 85.9398, 97.9724



86.7324, 93.9209, 108.1650



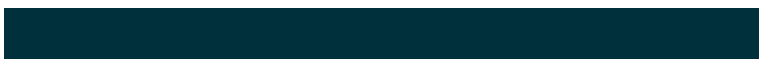
77.4831, 81.3426, 97.2062



16.7175, 18.1992, 21.1743



19.9923, 25.7783, 50.4600



1.8237, 2.3989, 4.4571

Inverse Universe

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



80.9307, 81.0724, 94.6064



88.2749, 87.4242, 103.6374



82.1601, 86.5299, 85.7717



17.0727, 16.7119, 20.1295



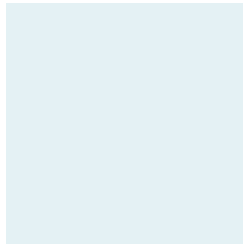
25.8957, 12.7017, 30.4887



2.3096, 1.1298, 2.8567

Previews

White Background



This preview shows how the XYZ color 79.7793, 85.9362, 97.9705 looks on a white background.

Color Contrast Check

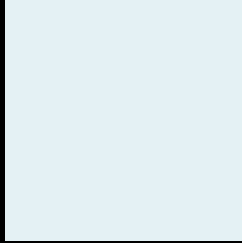
Large Text (above 18pt) WCAG AA × Fail

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 79.7793, 85.9362, 97.9705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

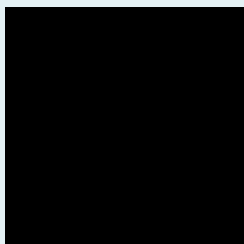
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

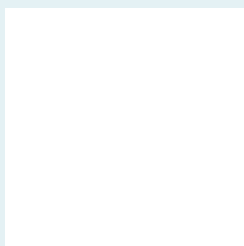
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.7793, 85.9362, 97.9705

Background



This preview shows how black text looks on a background with the XYZ color 79.7793, 85.9362, 97.9705.



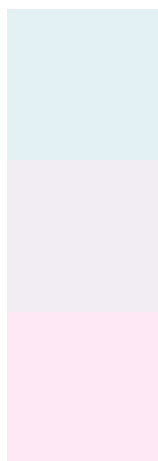
This preview shows how white text looks on a background with the XYZ color 79.7793, 85.9362,

97.9705.

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

79.7793, 85.9362, 97.9705

Protanopia

82.5868, 85.6800, 96.1895

Deuteranopia

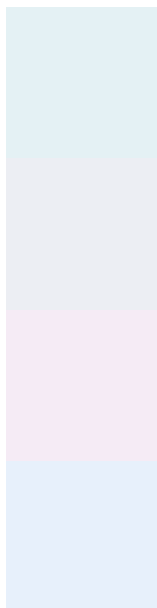
86.5780, 85.5658, 98.3389



Tritanopia

82.1952, 86.1088, 106.8963

Trichromacy



Original Color

79.7793, 85.9362, 97.9705

Protanomaly

81.3443, 85.4530, 97.0008

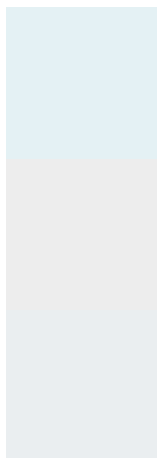
Deuteranomaly

83.8459, 85.4217, 98.4551

Tritanomaly

81.5277, 86.2741, 103.6224

Monochromacy



Original Color

79.7793, 85.9362, 97.9705

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 79.7793, 85.9362, 97.9705 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, 241, 244) looks like.

```
.text, #text, p{  
    color:rgb(228, 241, 244)  
}
```

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, 241, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 241, 244) }
```

Border

The CSS property to change the border of an element to XYZ 79.7793, 85.9362, 97.9705 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, 241, 244) }
```


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

```
.border{ border-color:rgb(228, 241, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 241, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 241, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 241, 244);  
box-shadow:4px 4px 4px 4px rgb(228, 241,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 79.7793, 85.9362, 97.9705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 241, 244) }
```

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

```
.background{ background-color: rgb(228,  
241, 244) }
```

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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