

Converting Colors

XYZ(79.4768, 85.7257, 92.9076)

Have a look what the booklet for
XYZ(79.4768, 85.7257, 92.9076)
contains.

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Color

**XYZ(79.5210, 85.9066,
93.2794)**

Conversions

Conversions Part 1

Format	Color
Hex	E6F1EE
RGB	230, 241, 238
RGB Percent	90%, 95%, 93%
CMY	0.0980, 0.0549, 0.0667
CMYK	0.05, 0.00, 0.01, 0.05
HSL	164°, 28%, 92%
HSV	164°, 5%, 95%
XYZ	79.5210, 85.9066, 93.2794
YIQ	237.3690, -5.5930, -3.2650

Conversions

Conversions Part 2

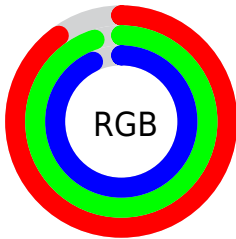
Format	Color
R _Y B	230, 236, 241
Decimal	15135214
CIE Lab	94.27, -4.17, 0.18
CIE LCh	94, 4.174, 177.595
Yxy	85.9066, 0.3074, 0.3321
Android (android.graphics.Color)	4293325294 (0xFFE6F1EE)
YUV	237.3690, 0.3111, -6.4626
Hunter-Lab	92.6858, -9.0538, 5.2104

Details

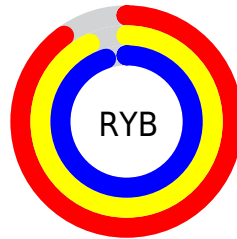
The XYZ color **79.5210, 85.9066, 93.2794** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.2835, 81.1797, 88.5853**, and the grayscale version is **80.7834, 84.9904, 92.5545**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4717, 47.1893, 51.0732** is the 20% darker color. If you saturate the color by 10%, you get **71.3667, 81.8150, 87.9454**, and if you desaturate by 10%, it is **88.7848, 90.5709, 98.8533**.

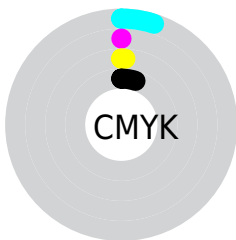
Distribution



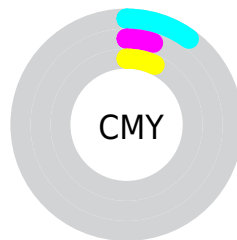
- Red (90%)
- Green (95%)
- Blue (93%)



- Red (90%)
- Yellow (93%)
- Blue (95%)



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



- Cyan (10%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.5210, 85.9066, 93.2794 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 79.5210, 85.9066, 93.2794 by changing the saturation by 10% instead.

■ 79.5210, 85.9066,
93.2794

■ 79.5210, 85.9066,
93.2794

482.0783,
514.6232, 559.4849

■ 59.6314, 64.5907,
70.1148

131.6461,
141.6391, 153.8604

■ 43.3699, 47.1293,
51.1427

164.6124,
176.8246, 192.1139

■ 30.3712, 33.1379,
35.9447

202.6682,
217.4021, 236.2342

■ 20.2700, 22.2321,
24.1021

246.1789,
263.7560, 286.6396

■ 12.7009, 14.0275,
15.1965

295.5099,
316.2706, 343.7489

■ 7.2985, 8.1398,
8.8093

351.0266,

■ 3.6974, 4.1845,

375.3304, 407.9805

4.5219

413.0942,
441.3198, 479.7530

■ 1.5324, 1.7773,
1.9158

■ 0.3477, 0.4730,
0.5028

■ 79.5210, 85.9066,
93.2794

■ 79.5210, 85.9066,
93.2794

■ 71.3667, 81.8150,
87.9454

■ 88.7848, 90.5709,
98.8533

■ 64.2706, 78.2624,
82.8416

■ 90.1346, 91.1489,
104.2413

■ 58.1882, 75.2284,
77.9657

■ 90.7469, 91.3939,
107.4656

■ 53.0689, 72.6870,
73.3134

■ 48.8577, 70.6098,
68.8801

■ 45.4937, 68.9655,
64.6607

■ 42.9087, 67.7190,
60.6501

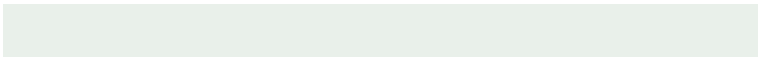
■ 41.0233, 66.8293,
56.8423

■ 39.7401, 66.2465,
53.2306

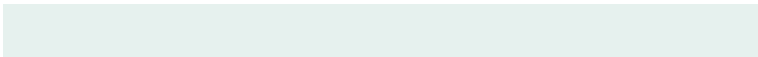
Harmonies

Analogous

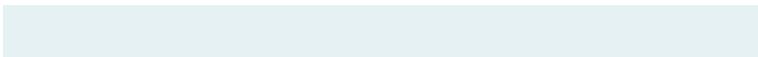
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.8487, 85.9066, 90.2746



79.5210, 85.9066, 93.2794



79.7598, 85.9066, 96.4209

Triad

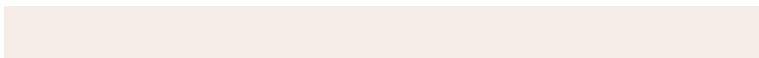
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.5210, 85.9066, 93.2794



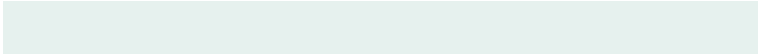
82.6523, 85.9066, 99.1050



82.8100, 85.9066, 88.4316

Complementary

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



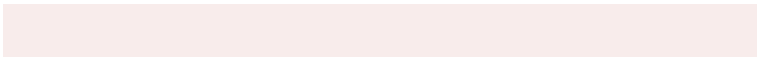
79.5210, 85.9066, 93.2794



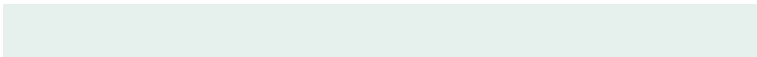
79.2835, 81.1797, 88.5853

Split Complementary

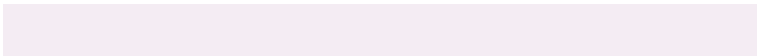
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.5731, 85.9066, 90.7126



79.5210, 85.9066, 93.2794



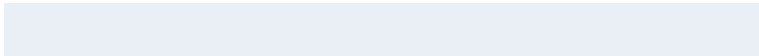
83.4815, 85.9066, 96.8785

Square

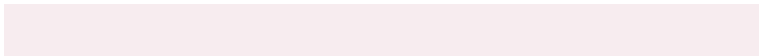
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



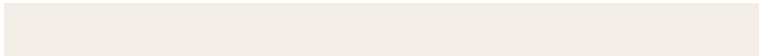
79.5210, 85.9066, 93.2794



81.5614, 85.9066, 99.8296



83.8200, 85.9066, 93.7964



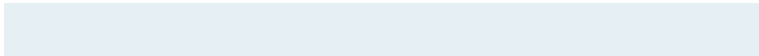
81.7419, 85.9066, 87.5159

Rectangle

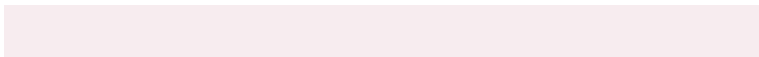
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



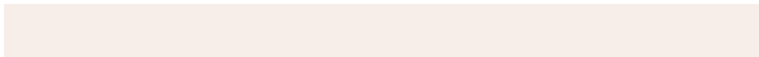
79.5210, 85.9066, 93.2794



80.2094, 85.9066, 98.1613



83.8200, 85.9066, 93.7964



83.1110, 85.9066, 89.0615

Sweetspot

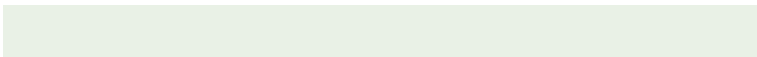
The Sweet Spot groups the original color and five complimentary colors.



79.5234, 85.9103, 93.2813



94.0062, 99.4748, 108.2672



79.3833, 85.9708, 87.2742



20.1322, 21.2972, 23.1803



0.0000, 0.0000, 0.0000



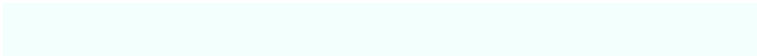
20.3446, 21.4041, 23.3091

Same Dimension

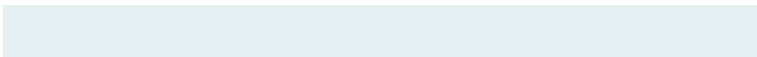
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.5234, 85.9103, 93.2813



89.9585, 97.4394, 105.7632



79.2674, 84.6860, 95.3916



16.7280, 18.1903, 19.7338



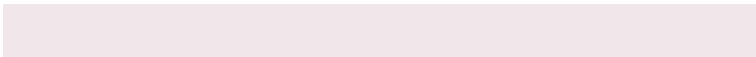
21.3246, 35.8219, 28.1560



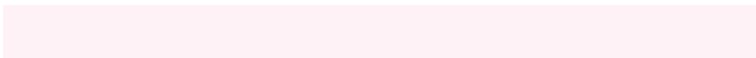
1.8155, 2.9967, 2.5611

Inverse Universe

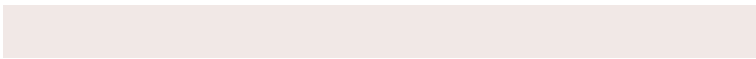
The Inverse Universe completely reimagines the original color for something new.



79.2835, 81.1797, 88.5853



89.6598, 91.5505, 99.9174



79.5260, 82.3456, 86.5669



16.6649, 16.9458, 18.4984



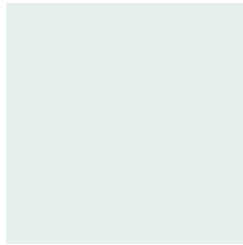
20.2497, 10.3723, 3.9657



1.7250, 0.8790, 0.5425

Previews

White Background



This preview shows how the XYZ color 79.5210, 85.9066, 93.2794 looks on a white background.

Color Contrast Check

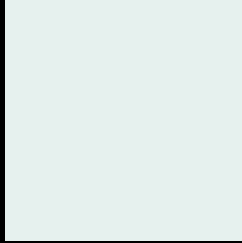
Large Text (above 18pt) WCAG AA × Fail

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 79.5210, 85.9066, 93.2794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

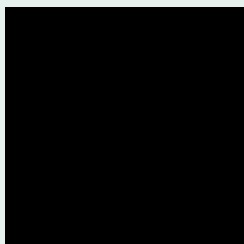
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

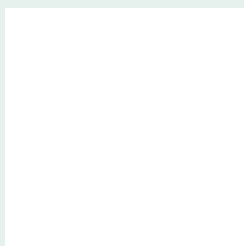
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.5210, 85.9066, 93.2794

Background



This preview shows how black text looks on a background with the XYZ color 79.5210, 85.9066, 93.2794.



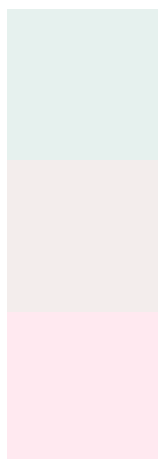
This preview shows how white text looks on a background with the XYZ color 79.5210, 85.9066,

93.2794.

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

79.5210, 85.9066, 93.2794

Protanopia

82.3867, 85.6792, 91.5524

Deuteranopia

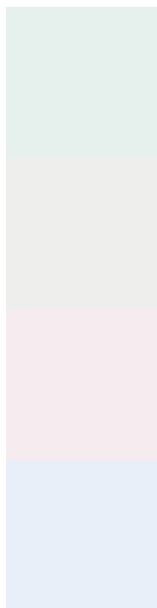
86.1071, 85.8291, 94.4664



Tritanopia

82.5562, 85.8615, 106.8295

Trichromacy



Original Color

79.5210, 85.9066, 93.2794

Protanomaly

81.1205, 85.4406, 92.3369

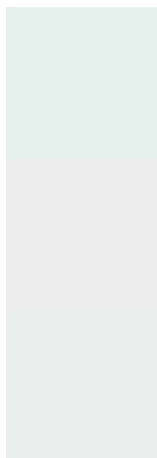
Deuteranomaly

83.5815, 85.8157, 93.8202

Tritanomaly

81.5697, 85.8962, 101.9030

Monochromacy



Original Color

79.5210, 85.9066, 93.2794

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

79.7923, 84.7559, 92.2748

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.5210, 85.9066, 93.2794 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, 241, 238) looks like.

```
.text, #text, p{  
    color:rgb(230, 241, 238)  
}
```

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, 241, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 241, 238) }
```

Border

The CSS property to change the border of an element to XYZ 79.5210, 85.9066, 93.2794 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, 241, 238) }
```


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

```
.border{ border-color:rgb(230, 241, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 241, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 241, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 241, 238);  
box-shadow:4px 4px 4px 4px rgb(230, 241,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 79.5210, 85.9066, 93.2794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 241, 238) }
```

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

```
.background{ background-color: rgb(230,  
241, 238) }
```

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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