

Converting Colors

XYZ(79.9503, 85.8708, 85.0339)

Have a look what the booklet for XYZ(79.9503, 85.8708, 85.0339) contains.

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Color

**XYZ(79.9503, 85.8708,
85.0339)**

Conversions

Conversions Part 1

Format	Color
Hex	EDF0E3
RGB	237, 240, 227
RGB Percent	93%, 94%, 89%
CMY	0.0706, 0.0588, 0.1098
CMYK	0.01, 0.00, 0.05, 0.06
HSL	74°, 30%, 92%
HSV	74°, 5%, 94%
XYZ	79.9503, 85.8708, 85.0339
YIQ	237.6210, 2.3850, -4.6790

Conversions

Conversions Part 2

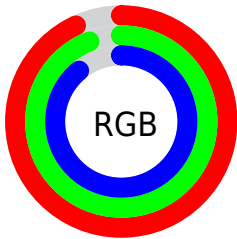
Format	Color
R _Y B	227, 240, 230
Decimal	15593699
CIE Lab	94.26, -3.26, 5.92
CIE LCh	94, 6.757, 118.832
Yxy	85.8708, 0.3187, 0.3423
Android (android.graphics.Color)	4293783779 (0xFFEDF0E3)
YUV	237.6210, -5.2362, -0.5446
Hunter-Lab	92.6665, -8.1611, 10.4600

Details

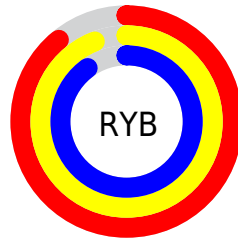
The XYZ color **79.9503, 85.8708, 85.0339** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **75.8337, 78.0547, 93.5118**, and the grayscale version is **81.0150, 85.2341, 92.8199**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6429, 47.0833, 45.8175** is the 20% darker color. If you saturate the color by 10%, you get **75.0439, 83.7004, 68.7012**, and if you desaturate by 10%, it is **85.3805, 88.2629, 103.8051**.

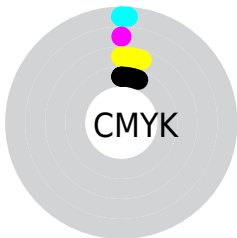
Distribution



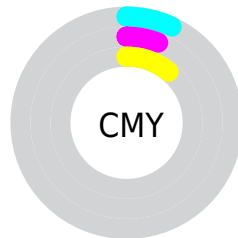
- Red (93%)
- Green (94%)
- Blue (89%)



- Red (89%)
- Yellow (94%)
- Blue (90%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (6%)



- Cyan (7%)
- Magenta (6%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.9503, 85.8708, 85.0339 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 79.9503, 85.8708, 85.0339 by changing the saturation by 10% instead.

79.9503, 85.8708,
85.0339

79.9503, 85.8708,
85.0339

483.5044,
514.5051, 531.8878

59.9858, 64.5611,
63.3191

132.2467,
141.5892, 142.2951

43.6566, 47.1053,
45.6567

165.3094,
176.7667, 178.6786

30.5974, 33.1189,
31.6283

203.4688,
217.3356, 220.7887

20.4428, 22.2176,
20.8153

247.0903,
263.6803, 269.0440

12.8274, 14.0168,
12.7991

296.5392,
316.1852, 323.8630

7.3860, 8.1324,
7.1613

352.1810,

3.7531, 4.1798,

375.2347, 385.6643

3.4832

414.3809,
441.2132, 454.8664

■ 1.5634, 1.7746,
1.3463

■ 0.3684, 0.4713,
0.0993

■ 79.9503, 85.8708,
85.0339

■ 79.9503, 85.8708,
85.0339

■ 75.0439, 83.7004,
68.7012

■ 85.3805, 88.2629,
103.8051

■ 70.6348, 81.7327,
54.7013

■ 87.9556, 89.5168,
107.2504

■ 66.7044, 79.9630,
42.9290

■ 89.9519, 90.5459,
107.3439

■ 63.2304, 78.3823,
33.2692

■ 90.4518, 90.8036,
107.3673

■ 60.1883, 76.9808,
25.5961

■ 57.5513, 75.7475,
19.7707

■ 55.2890, 74.6704,
15.6361

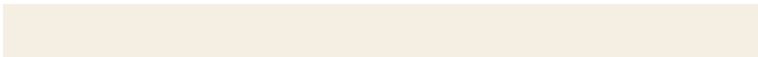
■ 53.3661, 73.7353,
13.0095

■ 51.7392, 72.9247,
11.6654

Harmonies

Analogous

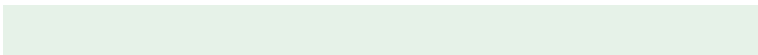
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.6886, 85.8708, 83.8809



79.9503, 85.8708, 85.0339



78.6750, 85.8708, 88.4332

Triad

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



79.9503, 85.8708, 85.0339



79.8292, 85.8708, 102.2916



85.1478, 85.8708, 93.7020

Complementary

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



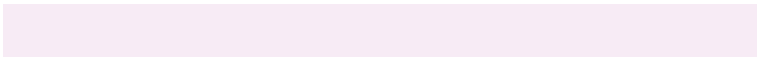
79.9503, 85.8708, 85.0339



75.8337, 78.0547, 93.5118

Split Complementary

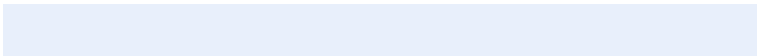
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.6327, 85.8708, 98.7540



79.9503, 85.8708, 85.0339



81.5467, 85.8708, 103.8249

Square

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



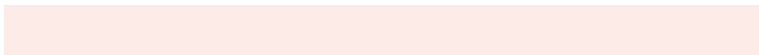
79.9503, 85.8708, 85.0339



78.6058, 85.8708, 98.3896



83.3080, 85.8708, 102.5074



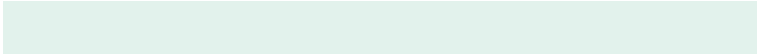
84.7054, 85.8708, 88.7727

Rectangle

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



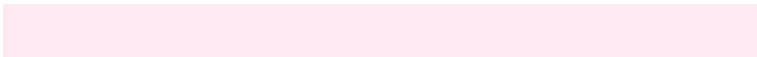
79.9503, 85.8708, 85.0339



78.2498, 85.8708, 91.5810



83.3080, 85.8708, 102.5074



85.0807, 85.8708, 95.4430

Sweetspot

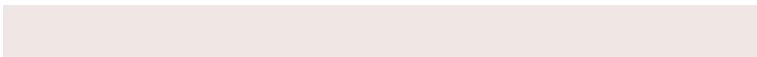
The Sweet Spot groups the original color and five complimentary colors.



79.9527, 85.8745, 85.0358



93.8075, 99.4531, 104.6125



78.0491, 80.5655, 84.1114



20.0917, 21.2928, 22.4363



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

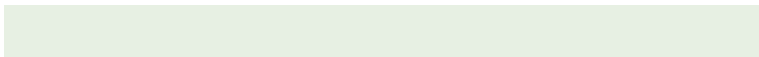
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.9527, 85.8745, 85.0358



90.8070, 98.1294, 94.3905



77.8810, 84.8065, 84.9388



16.9489, 18.3544, 17.4762



28.0729, 39.7937, 6.2013



2.4211, 3.3546, 0.5199

Inverse Universe

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



75.8337, 78.0547, 93.5118



84.7469, 86.6243, 106.8613



77.8975, 79.1186, 93.6084



15.7283, 16.0370, 19.9881



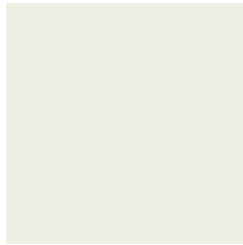
9.5819, 3.9450, 45.3843



0.8817, 0.3718, 3.7795

Previews

White Background



This preview shows how the XYZ color 79.9503, 85.8708, 85.0339 looks on a white background.

Color Contrast Check

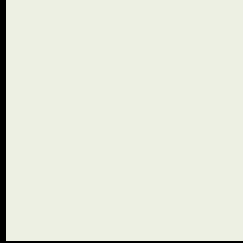
Large Text (above 18pt) WCAG AA × Fail

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 79.9503, 85.8708, 85.0339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

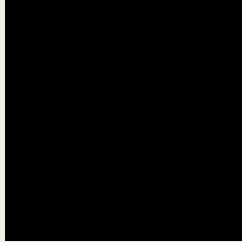
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

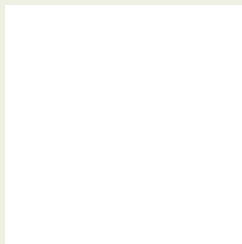
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.9503, 85.8708, 85.0339

Background



This preview shows how black text looks on a background with the XYZ color 79.9503, 85.8708, 85.0339.



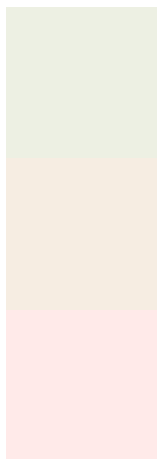
This preview shows how white text looks on a background with the XYZ color 79.9503, 85.8708,

85.0339.

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

79.9503, 85.8708, 85.0339

Protanopia

82.0177, 85.6522, 84.1612

Deuteranopia

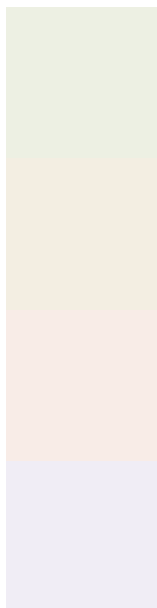
85.3708, 85.9888, 89.1888



Tritanopia

84.3211, 85.9117, 106.7462

Trichromacy



Original Color

79.9503, 85.8708, 85.0339

Protanomaly

81.2642, 85.6947, 84.2092

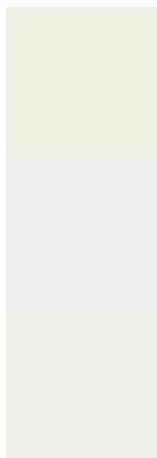
Deuteranomaly

83.1307, 85.7169, 87.7649

Tritanomaly

82.7008, 85.6862, 98.5665

Monochromacy



Original Color

79.9503, 85.8708, 85.0339

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.9777, 85.8507, 90.1448

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.9503, 85.8708, 85.0339 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(237, 240, 227) looks like.

```
.text, #text, p{  
    color:rgb(237, 240, 227)  
}
```

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(237, 240, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 240, 227) }
```

Border

The CSS property to change the border of an element to XYZ 79.9503, 85.8708, 85.0339 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(237, 240, 227) }
```


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

```
.border{ border-color:rgb(237, 240, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 240, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 240, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 240, 227);  
box-shadow:4px 4px 4px 4px rgb(237, 240,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 79.9503, 85.8708, 85.0339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 240, 227) }
```

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

```
.background{ background-color: rgb(237,  
240, 227) }
```

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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