

Converting Colors

XYZ(85.2931, 95.2531, 95.6616)

Have a look what the booklet for
XYZ(85.2931, 95.2531, 95.6616)
contains.

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Color

**XYZ(85.2717, 95.2444,
95.5511)**

Conversions

Conversions Part 1

Format	Color
Hex	EAFFEF
RGB	234, 255, 239
RGB Percent	92%, 100%, 94%
CMY	0.0823, 0.0000, 0.0627
CMYK	0.08, 0.00, 0.06, 0.00
HSL	134°, 100%, 96%
HSV	134°, 8%, 100%
XYZ	85.2717, 95.2444, 95.5511
YIQ	246.8970, -7.3800, -9.4280

Conversions

Conversions Part 2

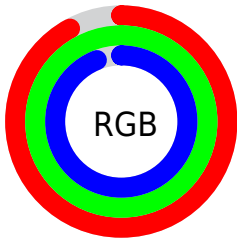
Format	Color
R_{YB}	234, 251, 255
Decimal	15400943
CIE _{Lab}	98.13, -9.71, 5.30
CIE _{LCh}	98, 11.061, 151.379
Yxy	95.2444, 0.3089, 0.3450
Android (android.graphics.Color)	4293591023 (0xFFEAF _{FEF})
YUV	246.8970, -3.8932, -11.3107
Hunter-Lab	97.5932, -14.8245, 10.2659

Details

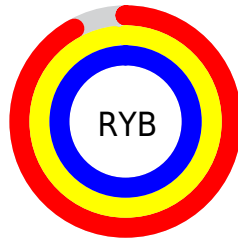
The XYZ color **85.2717, 95.2444, 95.5511** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.9186, 87.0088, 102.6029**, and the grayscale version is **88.3589, 92.9604, 101.2339**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.1014, 53.2720, 52.5998** is the 20% darker color. If you saturate the color by 10%, you get **74.7756, 90.1475, 80.8738**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

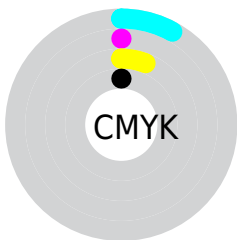
Distribution



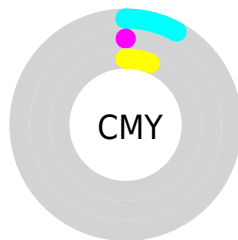
- Red (92%)
- Green (100%)
- Blue (94%)



- Red (92%)
- Yellow (98%)
- Blue (100%)



- Cyan (8%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)





- Cyan (8%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.2717, 95.2444, 95.5511 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 85.2717, 95.2444, 95.5511 by changing the saturation by 10% instead.


 85.2717, 95.2444,
95.5511

 85.2717, 95.2444,
95.5511


500.9968,
544.9471, 566.9571

 64.3892, 72.3384,
71.9943


139.6648,
154.6022, 157.0279

 47.2288, 53.4352,
52.6672


173.9060,
191.8228, 195.7850

 33.4253, 38.1503,
37.1513


213.3309,
234.5837, 240.4459

 22.6132, 26.0993,
25.0279

258.3047,
283.2694, 291.4292

 14.4273, 16.8980,
15.8787

309.1929,
338.2642, 349.1534

 8.5021, 10.1618,
9.2849

366.3607,

 4.4724, 5.5064,

399.9524, 414.0371

4.8281

430.1736,
468.7186, 486.4988

■ 1.9727, 2.5473,
2.0898

■ 0.6186, 0.9003,
0.6097

■ 85.2717, 95.2444,
95.5511

■ 85.2717, 95.2444,
95.5511

■ 74.7756, 90.1475,
80.8738

95.0500, 100.0000,
108.9000

■ 65.7313, 85.7645,
67.8229

■ 58.0743, 82.0633,
56.3436

■ 51.7347, 79.0091,
46.3762

■ 46.6358, 76.5639,
37.8574

■ 42.6933, 74.6853,
30.7194

■ 39.8117, 73.3259,
24.8887

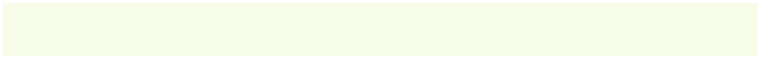
■ 37.8792, 72.4296,
20.2851

■ 36.7461, 71.9209,
16.8184

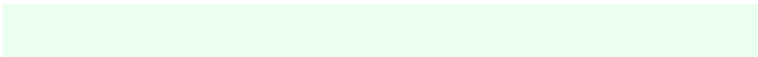
Harmonies

Analogous

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



87.3844, 95.2444, 89.4792



85.2717, 95.2444, 95.5511



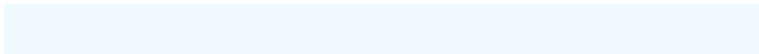
84.5584, 95.2444, 104.1263

Triad

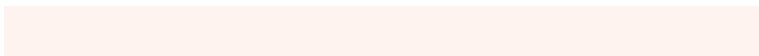
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.2717, 95.2444, 95.5511



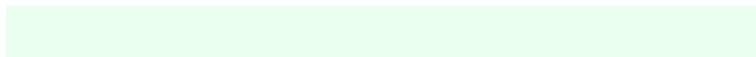
90.6739, 95.2444, 122.1895



95.8411, 95.2444, 94.8627

Complementary

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



85.2717, 95.2444, 95.5511



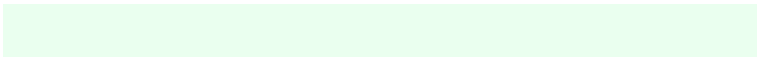
87.9186, 87.0088, 102.6029

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.



96.7700, 95.2444, 103.2848



85.2717, 95.2444, 95.5511



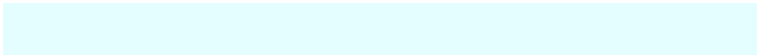
93.7439, 95.2444, 119.3639

Square

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



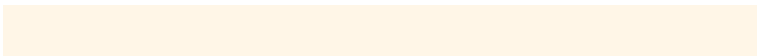
85.2717, 95.2444, 95.5511



87.6332, 95.2444, 119.8266



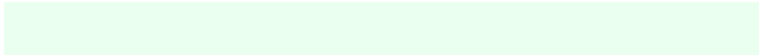
95.9938, 95.2444, 112.3100



93.4837, 95.2444, 89.0984

Rectangle

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



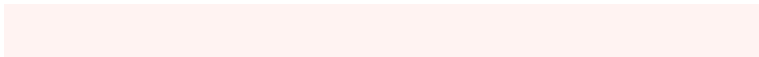
85.2717, 95.2444, 95.5511



84.9588, 95.2444, 110.2116



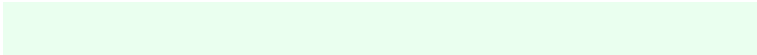
95.9938, 95.2444, 112.3100



96.3332, 95.2444, 97.4596

Sweetspot

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



85.2725, 95.2448, 95.5526



92.5791, 98.7978, 105.5518



90.0719, 97.8032, 91.9739



19.8416, 21.1594, 22.6276



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.



85.2725, 95.2448, 95.5526



83.3111, 94.2917, 92.8405



86.8537, 95.8773, 103.8789



17.9488, 20.2391, 20.0335



19.1695, 37.5644, 8.7779



1.9068, 3.6737, 1.0673

Inverse Universe

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



87.9186, 87.0088, 102.6029



86.4855, 84.4108, 101.2982



86.3323, 86.3743, 94.2496



18.5968, 18.2220, 21.7600



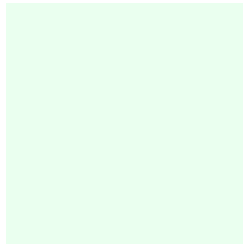
26.7145, 13.1751, 28.2107



2.6435, 1.2998, 2.9699

Previews

White Background



This preview shows how the XYZ color 85.2717, 95.2444, 95.5511 looks on a white background.

Color Contrast Check

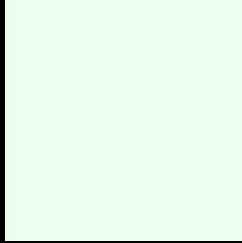
Large Text (above 18pt) WCAG AA × Fail

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 85.2717, 95.2444, 95.5511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

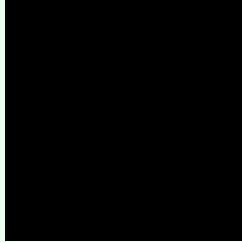
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

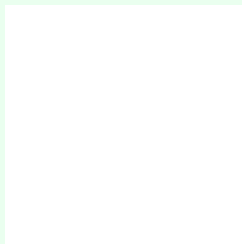
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.2717, 95.2444, 95.5511

Background



This preview shows how black text looks on a background with the XYZ color 85.2717, 95.2444, 95.5511.



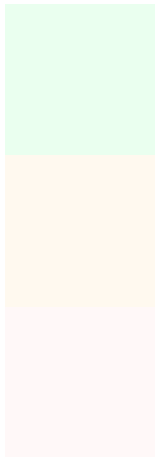
This preview shows how white text looks on a background with the XYZ color 85.2717, 95.2444,

95.5611.

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

85.2717, 95.2444, 95.5511

Protanopia

90.6957, 95.2434, 95.2650

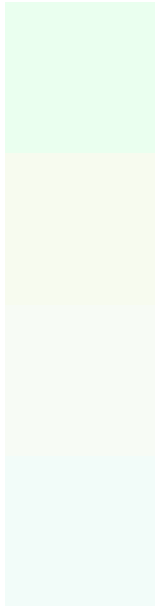
Deuteranopia

91.7507, 95.1721, 102.3412

Tritanopia

90.5934, 95.3654, 108.2403

Trichromacy



Original Color

85.2717, 95.2444, 95.5511

Protanomaly

88.4349, 95.0005, 95.3373

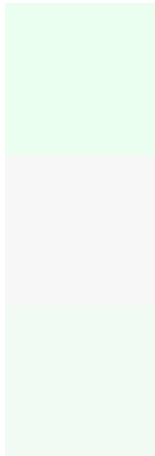
Deuteranomaly

89.3364, 95.3611, 100.0842

Tritanomaly

88.5272, 95.3376, 103.3586

Monochromacy



Original Color

85.2717, 95.2444, 95.5511

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

87.1327, 93.7801, 99.0969

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.2717, 95.2444, 95.5511 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(234, 255, 239)` looks like.

```
.text, #text, p{  
    color:rgb(234, 255, 239)  
}
```

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(234, 255, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 255, 239) }
```

Border

The CSS property to change the border of an element to XYZ 85.2717, 95.2444, 95.5511 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(234, 255, 239) }
```


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

```
.border{ border-color:rgb(234, 255, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 255, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 255, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 255, 239);  
box-shadow:4px 4px 4px 4px rgb(234, 255,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 85.2717, 95.2444, 95.5511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 255, 239) }
```

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

```
.background{ background-color: rgb(234,  
255, 239) }
```

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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