

Converting Colors

XYZ(85.7746, 95.4862, 96.3643)

Have a look what the booklet for
XYZ(85.7746, 95.4862, 96.3643)
contains.

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Color

**XYZ(85.7491, 95.4734,
96.3468)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EBFFF0 |
| RGB | 235, 255, 240 |
| RGB Percent | 92%, 100%, 94% |
| CMY | 0.0784, 0.0000, 0.0588 |
| CMYK | 0.08, 0.00, 0.06, 0.00 |
| HSL | 135°, 100%, 96% |
| HSV | 135°, 8%, 100% |
| XYZ | 85.7491, 95.4734, 96.3468 |
| YIQ | 247.3100, -7.1050, -8.9050 |

Conversions

Conversions Part 2

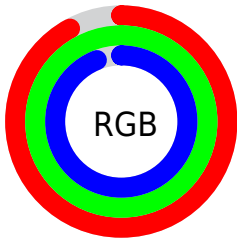
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 235, 251, 255 |
| Decimal | 15466480 |
| CIE Lab | 98.22, -9.21, 4.93 |
| CIE LCh | 98, 10.441, 151.847 |
| Yxy | 95.4734, 0.3089, 0.3440 |
| Android (android.graphics.Color) | 4293656560 (0xFFEBFFF0) |
| YUV | 247.3100, -3.6038, -10.7959 |
| Hunter-Lab | 97.7105, -14.3447, 9.9348 |

Details

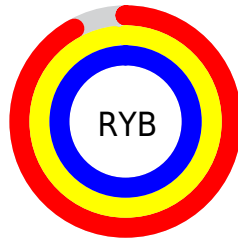
The XYZ color **85.7491, 95.4734, 96.3468** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.2041, 87.5797, 102.6981**, and the grayscale version is **88.6924, 93.3113, 101.6160**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.4362, 53.4326, 53.1608** is the 20% darker color. If you saturate the color by 10%, you get **75.2315, 90.3625, 81.7977**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

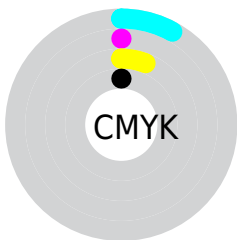
Distribution



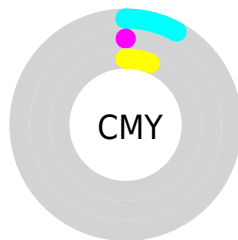
- Red (92%)
- Green (100%)
- Blue (94%)



- 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 85.7491, 95.4734, 96.3468 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 85.7491, 95.4734, 96.3468 by changing the saturation by 10% instead.


 85.7491, 95.4734,
96.3468

 85.7491, 95.4734,
96.3468


502.5500,
545.6794, 569.5618

 64.7851, 72.5291,
72.6534


140.3279,
154.9185, 158.1355

 47.5509, 53.5910,
53.2025


174.6735,
192.1880, 197.0678

 33.6811, 38.2747,
37.5756


214.2103,
235.0013, 241.9169

 22.8105, 26.1960,
25.3542

259.3036,
283.7429, 293.1012

 14.5736, 16.9703,
16.1197

310.3189,
338.7971, 351.0393

 8.6050, 10.2133,
9.4536

367.6215,

 4.5395, 5.5406,

400.5483, 416.1497

4.9374

431.5767,
469.3809, 488.8511

■ 2.0116, 2.5678,
2.1525

■ 0.6405, 0.9105,
0.6467

■ 85.7491, 95.4734,
96.3468

■ 85.7491, 95.4734,
96.3468

■ 75.2315, 90.3625,
81.7977

95.0500, 100.0000,
108.9000

■ 66.1590, 85.9631,
68.8297

■ 58.4681, 82.2436,
57.3906

■ 52.0893, 79.1692,
47.4238

■ 46.9471, 76.7023,
38.8690

■ 42.9579, 74.8011,
31.6620

■ 40.0275, 73.4186,
25.7333

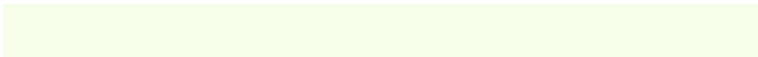
■ 38.0457, 72.4996,
21.0071

■ 36.8687, 71.9714,
17.3989

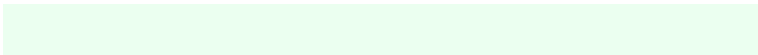
Harmonies

Analogous

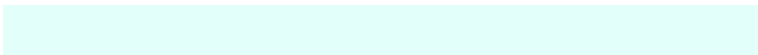
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.7324, 95.4734, 90.5326



85.7491, 95.4734, 96.3468



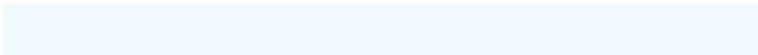
85.0960, 95.4734, 104.4881

Triad

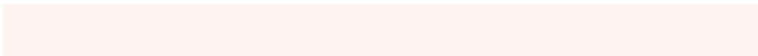
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.7491, 95.4734, 96.3468



90.9308, 95.4734, 121.3705



95.7375, 95.4734, 95.4720

Complementary

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



85.7491, 95.4734, 96.3468



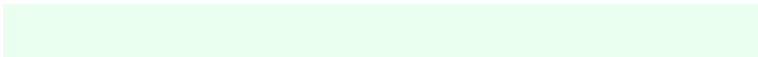
88.2041, 87.5797, 102.6981

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.



96.6378, 95.4734, 103.4223



85.7491, 95.4734, 96.3468



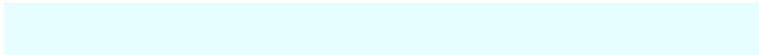
93.8250, 95.4734, 118.6410

Square

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



85.7491, 95.4734, 96.3468



88.0479, 95.4734, 119.2239



95.9304, 95.4734, 111.9521



93.4958, 95.4734, 90.0475

Rectangle

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



85.7491, 95.4734, 96.3468



85.4909, 95.4734, 110.2292



95.9304, 95.4734, 111.9521



96.2092, 95.4734, 97.9222

Sweetspot

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



85.7499, 95.4738, 96.3483



92.5887, 98.8016, 105.6023



90.1801, 97.8423, 92.7310



19.8436, 21.1602, 22.6379



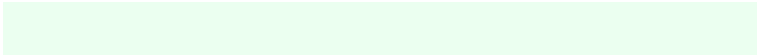
0.0000, 0.0000, 0.0000



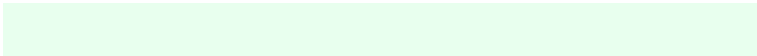
20.3446, 21.4041, 23.3091

Same Dimension

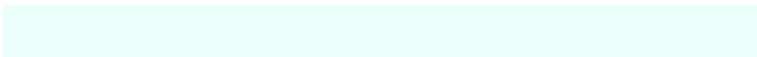
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.7499, 95.4738, 96.3483



84.4565, 94.8448, 94.5814



87.2769, 96.0846, 104.3890



17.9578, 20.2427, 20.0809



19.2151, 37.5826, 9.0181



1.9124, 3.6759, 1.0966

Inverse Universe

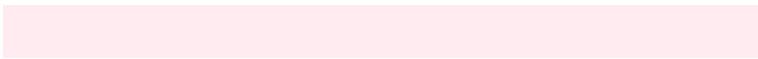
The Inverse Universe completely reimagines the original color for something new.



88.2041, 87.5797, 102.6981



87.2505, 85.8573, 101.8103



86.6772, 86.9690, 94.6573



18.5872, 18.2182, 21.7092



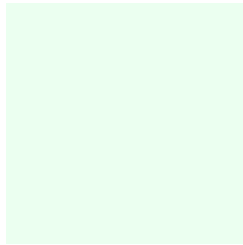
26.5395, 13.1051, 27.2892



2.6277, 1.2935, 2.8870

Previews

White Background



This preview shows how the XYZ color 85.7491, 95.4734, 96.3468 looks on a white background.

Color Contrast Check

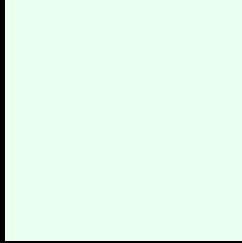
Large Text (above 18pt) WCAG AA × Fail

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 85.7491, 95.4734, 96.3468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

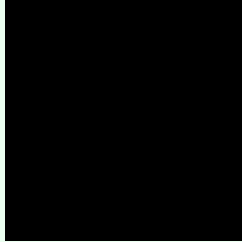
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

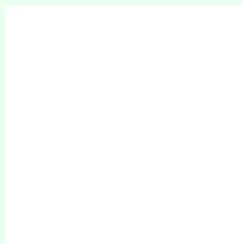
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.7491, 95.4734, 96.3468

Background



This preview shows how black text looks on a background with the XYZ color 85.7491, 95.4734, 96.3468.



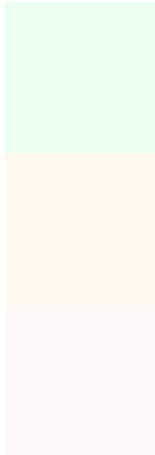
This preview shows how white text looks on a background with the XYZ color 85.7491, 95.4734,

96.3468.

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

85.7491, 95.4734, 96.3468

Protanopia

90.8439, 95.3026, 96.0453

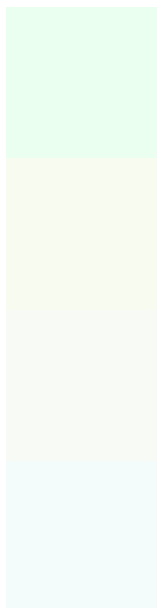
Deuteranopia

91.7507, 95.1721, 102.3412

Tritanopia

90.5934, 95.3654, 108.2403

Trichromacy



Original Color

85.7491, 95.4734, 96.3468

Protanomaly

88.9368, 95.2421, 96.1342

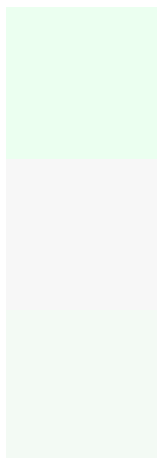
Deuteranomaly

89.6900, 95.5434, 100.1008

Tritanomaly

89.0279, 95.5776, 104.1985

Monochromacy



Original Color

85.7491, 95.4734, 96.3468

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

87.4769, 93.9576, 99.1130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.7491, 95.4734, 96.3468 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(235, 255, 240)` looks like.

```
.text, #text, p{  
    color:rgb(235, 255, 240)  
}
```

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(235, 255, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 255, 240) }
```

Border

The CSS property to change the border of an element to XYZ 85.7491, 95.4734, 96.3468 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(235, 255, 240) }
```


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

```
.border{ border-color:rgb(235, 255, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 255, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 255, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 255, 240);  
box-shadow:4px 4px 4px 4px rgb(235, 255,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 85.7491, 95.4734, 96.3468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 255, 240) }
```

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

```
.background{ background-color: rgb(235,  
255, 240) }
```

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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