

Converting Colors

XYZ(85.3464, 95.4818, 86.5713)

Have a look what the booklet for
XYZ(85.3464, 95.4818, 86.5713)
contains.

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Color

**XYZ(85.2217, 95.4168,
86.5987)**

Conversions

Conversions Part 1

Format	Color
Hex	EFFFE3
RGB	239, 255, 227
RGB Percent	94%, 100%, 89%
CMY	0.0627, 0.0000, 0.1098
CMYK	0.06, 0.00, 0.11, 0.00
HSL	94°, 100%, 95%
HSV	94°, 11%, 100%
XYZ	85.2217, 95.4168, 86.5987
YIQ	247.0240, -0.5480, -12.1000

Conversions

Conversions Part 2

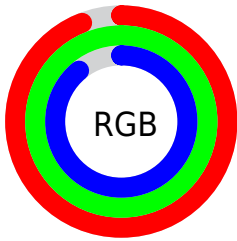
Format	Color
R_{YB}	227, 255, 243
Decimal	15728611
CIE _{Lab}	98.20, -10.10, 11.59
CIE _{LCh}	98, 15.377, 131.061
Y _{xy}	95.4168, 0.3189, 0.3570
Android (android.graphics.Color)	4293918691 (0xFFEFFFEE3)
Y _{UV}	247.0240, -9.8718, -7.0370
Hunter-Lab	97.6815, -15.2113, 15.8140

Details

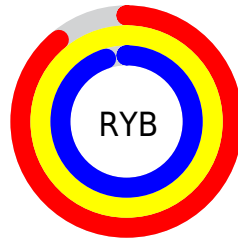
The XYZ color **85.2217, 95.4168, 86.5987** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **82.4821, 81.2141, 105.9364**, and the grayscale version is **88.5051, 93.1142, 101.4014**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.1689, 53.4340, 46.8575** is the 20% darker color. If you saturate the color by 10%, you get **77.2356, 91.6767, 69.1931**, and if you desaturate by 10%, it is **94.1272, 99.5704, 106.7711**.

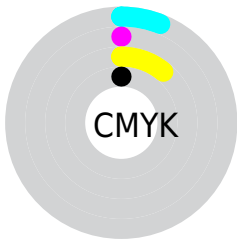
Distribution



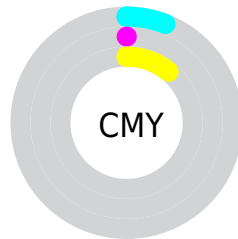
- Red (94%)
- Green (100%)
- Blue (89%)



- Red (89%)
- Yellow (100%)
- Blue (95%)



- Cyan (6%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)





- Cyan (6%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.2217, 95.4168, 86.5987 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 85.2217, 95.4168, 86.5987 by changing the saturation by 10% instead.


 85.2217, 95.4168,
86.5987

 85.2217, 95.4168,
86.5987


500.8340,
545.4985, 537.1852

 64.3477, 72.4819,
64.6054


139.5953,
154.8403, 144.4986

 47.1951, 53.5525,
46.6919

173.8256,
192.0977, 181.2423

 33.3985, 38.2440,
32.4396


213.2387,
234.8981, 223.7399

 22.5926, 26.1721,
21.4299

258.2000,
283.6259, 272.4099

 14.4120, 16.9524,
13.2443

309.0749,
338.6654, 327.6709

 8.4914, 10.2006,
7.4643

366.2286,

 4.4654, 5.5322,

400.4011, 389.9415

3.6713

430.0265,
469.2173, 459.6400

■ 1.9686, 2.5627,
1.4468

■ 0.6163, 0.9080,
0.1778

■ 85.2217, 95.4168,
86.5987

■ 85.2217, 95.4168,
86.5987

■ 77.2356, 91.6767,
69.1931

94.1272, 99.5704,
106.7711

■ 70.1346, 88.3355,
54.4293

95.0500, 100.0000,
108.9000

■ 63.8854, 85.3785,
42.1792

■ 58.4511, 82.7901,
32.3021

■ 53.7923, 80.5530,
24.6437

■ 49.8651, 78.6486,
19.0315

■ 46.6206, 77.0560,
15.2671

■ 44.0017, 75.7509,
13.1130

■ 42.1018, 74.7893,
12.2168

Harmonies

Analogous

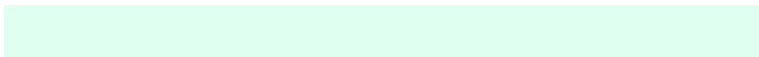
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.0699, 95.4168, 81.7878



85.2217, 95.4168, 86.5987



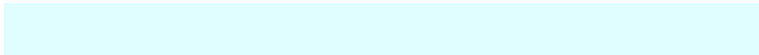
82.8868, 95.4168, 96.1911

Triad

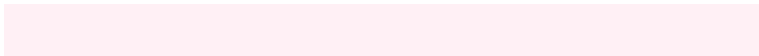
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.2217, 95.4168, 86.5987



87.9602, 95.4168, 128.6589



99.2905, 95.4168, 99.2922

Complementary

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



85.2217, 95.4168, 86.5987



82.4821, 81.2141, 105.9364

Split Complementary

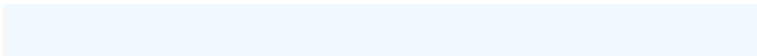
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



98.9699, 95.4168, 111.9948



85.2217, 95.4168, 86.5987



92.3313, 95.4168, 129.6596

Square

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



85.2217, 95.4168, 86.5987



84.4320, 95.4168, 120.7159



96.3890, 95.4168, 123.3482



97.2515, 95.4168, 88.7099

Rectangle

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



85.2217, 95.4168, 86.5987



82.4556, 95.4168, 104.3442



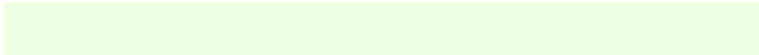
96.3890, 95.4168, 123.3482



99.4568, 95.4168, 103.4425

Sweetspot

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



85.2224, 95.4171, 86.6001



92.2526, 98.6973, 102.4674



87.1164, 90.8281, 85.6145



19.5889, 21.0522, 21.5736



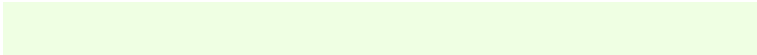
0.0000, 0.0000, 0.0000



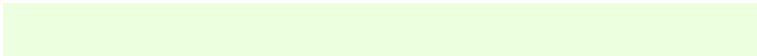
20.3446, 21.4041, 23.3091

Same Dimension

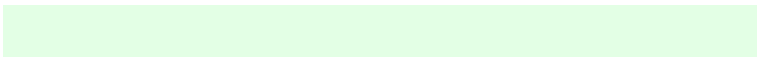
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.2224, 95.4171, 86.6001



83.5357, 94.6285, 82.8642



81.5637, 93.5010, 87.7812



18.5097, 20.5487, 19.1351



22.1619, 39.1630, 6.3912



2.2799, 3.8761, 0.6280

Inverse Universe

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



82.4821, 81.2141, 105.9364



80.3364, 78.0473, 105.4382



86.4605, 83.2996, 104.5615



17.9968, 17.8901, 22.7545



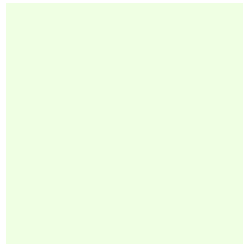
15.7734, 7.0420, 49.9625



1.6609, 0.7502, 4.8705

Previews

White Background



This preview shows how the XYZ color 85.2217, 95.4168, 86.5987 looks on a white background.

Color Contrast Check

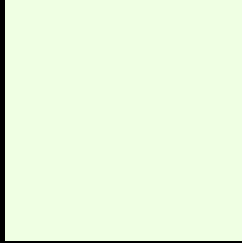
Large Text (above 18pt) WCAG AA × Fail

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 85.2217, 95.4168, 86.5987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

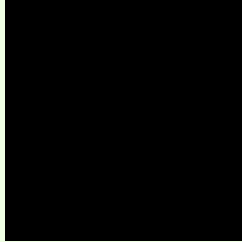
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

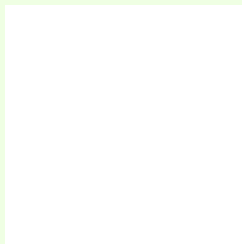
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.2217, 95.4168, 86.5987

Background



This preview shows how black text looks on a background with the XYZ color 85.2217, 95.4168, 86.5987.



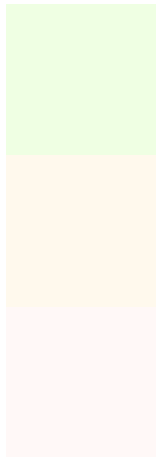
This preview shows how white text looks on a background with the XYZ color 85.2217, 95.4168,

86.5987.

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

85.2217, 95.4168, 86.5987

Protanopia

90.4017, 95.1258, 93.7172

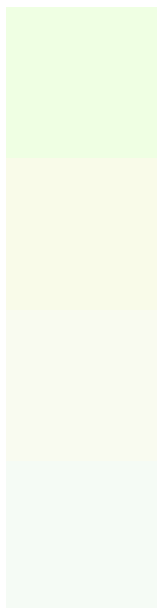
Deuteranopia

91.5959, 95.1102, 101.5262

Tritanopia

90.6371, 94.9278, 108.1536

Trichromacy



Original Color

85.2217, 95.4168, 86.5987

Protanomaly

88.2721, 95.0173, 90.7785

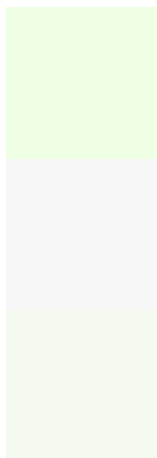
Deuteranomaly

89.2923, 95.4254, 96.1508

Tritanomaly

88.6348, 94.9994, 100.0514

Monochromacy



Original Color

85.2217, 95.4168, 86.5987

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

87.2220, 93.8956, 95.9646

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.2217, 95.4168, 86.5987 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(239, 255, 227) looks like.

```
.text, #text, p{  
    color:rgb(239, 255, 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(239, 255, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 255, 227) }
```

Border

The CSS property to change the border of an element to XYZ 85.2217, 95.4168, 86.5987 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(239, 255, 227) }
```


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

```
.border{ border-color:rgb(239, 255, 227) }
```

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

Here you see how a box with a 4 pixel rgb(239, 255, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 255, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 255, 227);  
box-shadow:4px 4px 4px 4px rgb(239, 255,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 85.2217, 95.4168, 86.5987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 255, 227) }
```

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

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