

Converting Colors

XYZ(85.5848, 95.5641, 88.4155)

Have a look what the booklet for
XYZ(85.5848, 95.5641, 88.4155)
contains.

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Color

**XYZ(85.4995, 95.5279,
88.0612)**

Conversions

Conversions Part 1

Format	Color
Hex	EFFFE5
RGB	239, 255, 229
RGB Percent	94%, 100%, 90%
CMY	0.0627, 0.0000, 0.1020
CMYK	0.06, 0.00, 0.10, 0.00
HSL	97°, 100%, 95%
HSV	97°, 10%, 100%
XYZ	85.4995, 95.5279, 88.0612
YIQ	247.2520, -1.1900, -11.4780

Conversions

Conversions Part 2

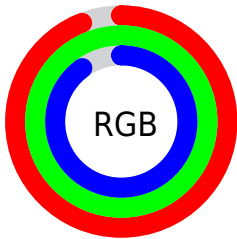
Format	Color
R _Y B	229, 255, 245
Decimal	15728613
CIE Lab	98.24, -9.77, 10.63
CIE LCh	98, 14.439, 132.572
Yxy	95.5279, 0.3177, 0.3550
Android (android.graphics.Color)	4293918693 (0xFFEFFFFE5)
YUV	247.2520, -8.9982, -7.2370
Hunter-Lab	97.7384, -14.8941, 14.9972

Details

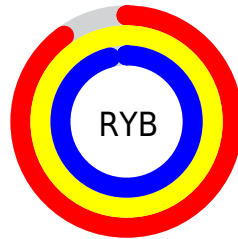
The XYZ color **85.4995, 95.5279, 88.0612** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **83.7263, 82.6723, 106.1522**, and the grayscale version is **88.6842, 93.3027, 101.6066**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.3625, 53.5114, 47.8769** is the 20% darker color. If you saturate the color by 10%, you get **77.1262, 91.5929, 70.4283**, and if you desaturate by 10%, it is **94.8573, 99.9099, 108.4730**.

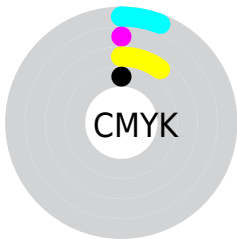
Distribution



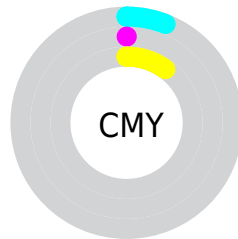
- Red (94%)
- Green (100%)
- Blue (90%)



- Red (90%)
- Yellow (100%)
- Blue (96%)



- Cyan (6%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)





- Cyan (6%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.4995, 95.5279, 88.0612 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 85.4995, 95.5279, 88.0612 by changing the saturation by 10% instead.


 85.4995, 95.5279,
88.0612

 85.4995, 95.5279,
88.0612

501.7382,
545.8536, 542.1101

 64.5781, 72.5744,
65.8091


139.9813,
154.9937, 146.5542

 47.3825, 53.6281,
47.6620


174.2723,
192.2748, 183.6323

 33.5473, 38.3044,
33.2012


213.7506,
235.1007, 226.4894

 22.7073, 26.2190,
22.0082

258.7815,
283.8555, 275.5442

 14.4970, 16.9876,
13.6646

309.7304,
338.9239, 331.2151

 8.5512, 10.2256,
7.7517

366.9625,

 4.5044, 5.5488,

400.6901, 393.9207

3.8510

430.8434,
469.5385, 464.0795

■ 1.9912, 2.5727,
1.5439

■ 0.6290, 0.9130,
0.2503

■ 85.4995, 95.5279,
88.0612

■ 85.4995, 95.5279,
88.0612

■ 77.1262, 91.5929,
70.4283

94.8573, 99.9099,
108.4730

■ 69.7010, 88.0889,
55.4498

95.0500, 100.0000,
108.9000

■ 63.1880, 85.0002,
42.9981

■ 57.5481, 82.3096,
32.9336

■ 52.7392, 79.9989,
25.1030

■ 48.7150, 78.0478,
19.3350

■ 45.4237, 76.4340,
15.4339

■ 42.8055, 75.1318,
13.1656

■ 40.8055, 74.1211,
12.1561

Harmonies

Analogous

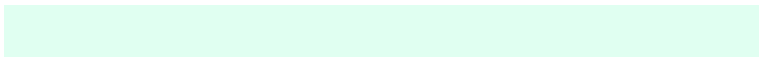
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.0690, 95.5279, 83.2469



85.4995, 95.5279, 88.0612



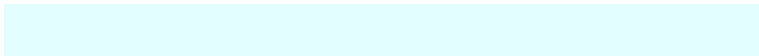
83.3872, 95.5279, 97.3118

Triad

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



85.4995, 95.5279, 88.0612



88.4251, 95.5279, 127.4000



98.8173, 95.5279, 99.1138

Complementary

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



85.4995, 95.5279, 88.0612



83.7263, 82.6723, 106.1522

Split Complementary

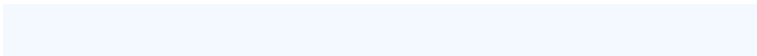
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



98.6320, 95.5279, 111.0163



85.4995, 95.5279, 88.0612



92.5460, 95.5279, 127.9752

Square

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



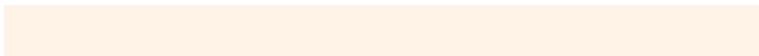
85.4995, 95.5279, 88.0612



85.0405, 95.5279, 120.2686



96.3077, 95.5279, 121.7849



96.8063, 95.5279, 89.2935

Rectangle

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



85.4995, 95.5279, 88.0612



83.0488, 95.5279, 105.0434



96.3077, 95.5279, 121.7849



99.0115, 95.5279, 102.9906

Sweetspot

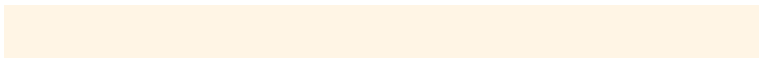
The Sweet Spot groups the original color and five complimentary colors.



85.5002, 95.5282, 88.0626



92.1318, 98.6351, 102.4617



87.9149, 91.9808, 87.2507



19.5563, 21.0354, 21.5721



0.0000, 0.0000, 0.0000



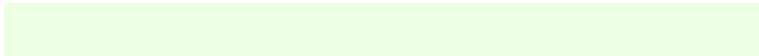
20.3446, 21.4041, 23.3091

Same Dimension

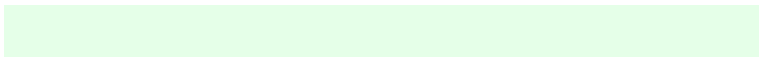
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.5002, 95.5282, 88.0626



83.9172, 94.7854, 84.6783



82.5827, 93.9819, 89.8355



18.4321, 20.5086, 19.1314



21.4756, 38.8091, 6.3590



2.2085, 3.8393, 0.6247

Inverse Universe

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



83.7263, 82.6723, 106.1522



81.8551, 79.8423, 105.7046



86.8941, 84.3534, 104.1303



18.0764, 17.9311, 22.7583



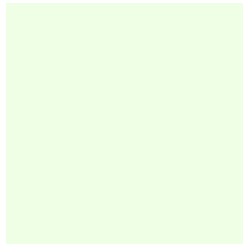
16.8608, 7.6026, 50.0134



1.7638, 0.8032, 4.8753

Previews

White Background



This preview shows how the XYZ color 85.4995, 95.5279, 88.0612 looks on a white background.

Color Contrast Check

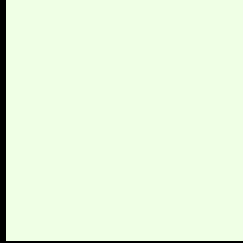
Large Text (above 18pt) WCAG AA × Fail

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 85.4995, 95.5279, 88.0612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

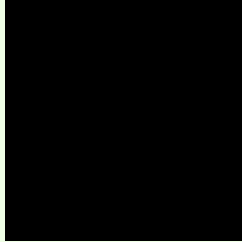
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

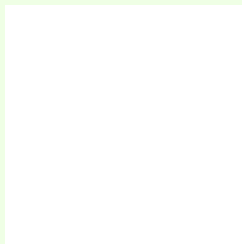
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.4995, 95.5279, 88.0612

Background



This preview shows how black text looks on a background with the XYZ color 85.4995, 95.5279, 88.0612.



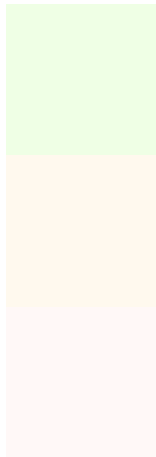
This preview shows how white text looks on a background with the XYZ color 85.4995, 95.5279,

88.0612.

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

85.4995, 95.5279, 88.0612

Protanopia

90.5483, 95.1844, 94.4889

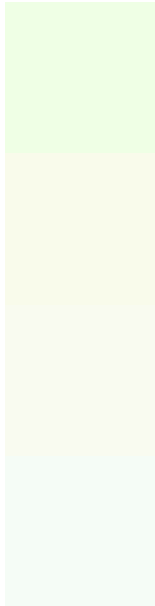
Deuteranopia

91.5959, 95.1102, 101.5262

Tritanopia

91.3025, 95.7310, 108.2735

Trichromacy



Original Color

85.4995, 95.5279, 88.0612

Protanomaly

88.5595, 95.1323, 92.2920

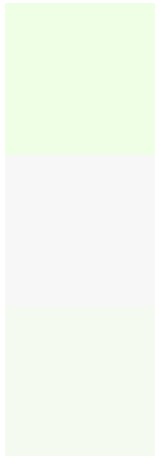
Deuteranomaly

89.2923, 95.4254, 96.1508

Tritanomaly

89.1011, 95.6871, 100.9621

Monochromacy



Original Color

85.4995, 95.5279, 88.0612

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 85.4995, 95.5279, 88.0612 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, 229)` looks like.

```
.text, #text, p{  
    color:rgb(239, 255, 229)  
}
```

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, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 255, 229) }
```

Border

The CSS property to change the border of an element to XYZ 85.4995, 95.5279, 88.0612 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, 229) }
```


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

```
.border{ border-color:rgb(239, 255, 229) }
```

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, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 255, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 255, 229);  
box-shadow:4px 4px 4px 4px rgb(239, 255,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 85.4995, 95.5279, 88.0612 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, 229) }
```

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

```
.background{ background-color: rgb(239,  
255, 229) }
```

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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