

Converting Colors

XYZ(85.4932, 95.4094, 93.2682)

Have a look what the booklet for
XYZ(85.4932, 95.4094, 93.2682)
contains.

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Color

**XYZ(85.4924, 95.4090,
93.2667)**

Conversions

Conversions Part 1

Format	Color
Hex	ECFFEC
RGB	236, 255, 236
RGB Percent	93%, 100%, 93%
CMY	0.0745, 0.0000, 0.0745
CMYK	0.07, 0.00, 0.07, 0.00
HSL	120°, 100%, 96%
HSV	120°, 7%, 100%
XYZ	85.4924, 95.4090, 93.2667
YIQ	247.1530, -5.2250, -9.9370

Conversions

Conversions Part 2

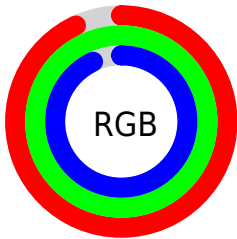
Format	Color
RYB	236, 255, 255
Decimal	15532012
CIELab	98.20, -9.58, 6.95
CIELCh	98, 11.833, 144.032
Yxy	95.4090, 0.3118, 0.3480
Android (android.graphics.Color)	4293722092 (0xFFECCFFEC)
YUV	247.1530, -5.4984, -9.7812
Hunter-Lab	97.6775, -14.7033, 11.7616

Details

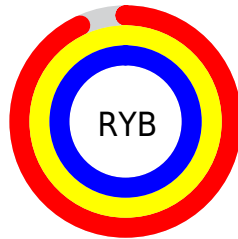
The XYZ color **85.4924, 95.4090, 93.2667** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **89.2859, 88.4718, 106.9784**, and the grayscale version is **88.5784, 93.1914, 101.4854**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.2547, 53.3868, 50.9941** is the 20% darker color. If you saturate the color by 10%, you get **74.1769, 89.9736, 74.7584**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

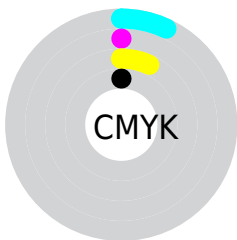
Distribution



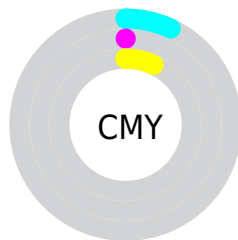
- Red (93%)
- Green (100%)
- Blue (93%)



- Red (93%)
- Yellow (100%)
- Blue (100%)



- Cyan (7%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)





- Cyan (7%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.4924, 95.4090, 93.2667 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 85.4924, 95.4090, 93.2667 by changing the saturation by 10% instead.

 85.4924, 95.4090,
93.2667

 85.4924, 95.4090,
93.2667

501.7151,
545.4735, 559.4430

 64.5722, 72.4754,
70.1043


139.9714,
154.8295, 153.8427

 47.3777, 53.5471,
51.1342


174.2609,
192.0853, 192.0934

 33.5435, 38.2397,
35.9380


213.7375,
234.8839, 236.2106

 22.7044, 26.1688,
24.0970

258.7667,
283.6097, 286.6128

 14.4949, 16.9500,
15.1927

309.7136,
338.6472, 343.7186

 8.5496, 10.1988,
8.8066

366.9438,

 4.5034, 5.5310,

400.3808, 407.9465

4.5202

430.8225,
469.1947, 479.7151

■ 1.9907, 2.5620,
1.9148

■ 0.6287, 0.9076,
0.5021

■ 85.4924, 95.4090,
93.2667

■ 85.4924, 95.4090,
93.2667

■ 74.1769, 89.9736,
74.7584

95.0500, 100.0000,
108.9000

■ 64.5252, 85.3374,
58.9713

■ 56.4595, 81.4630,
45.7784

■ 49.8951, 78.3098,
35.0410

■ 44.7392, 75.8332,
26.6076

■ 40.8889, 73.9837,
20.3096

■ 38.2273, 72.7051,
15.9559

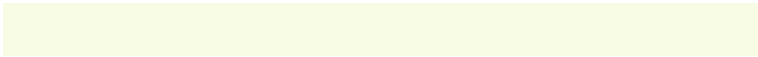
■ 36.6165, 71.9314,
13.3211

■ 35.8770, 71.5762,
12.1115

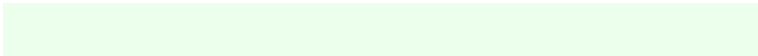
Harmonies

Analogous

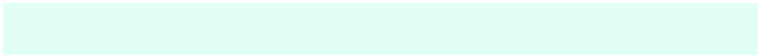
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.0459, 95.4090, 87.6988



85.4924, 95.4090, 93.2667



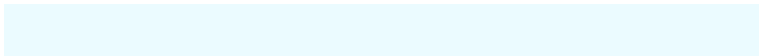
84.3329, 95.4090, 101.9488

Triad

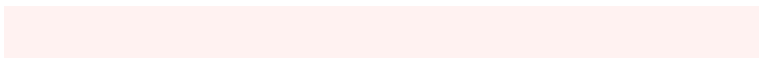
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.4924, 95.4090, 93.2667



90.0051, 95.4090, 123.6492



96.7888, 95.4090, 96.4413

Complementary

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



85.4924, 95.4090, 93.2667



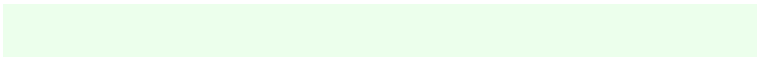
89.2859, 88.4718, 106.9784

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.



97.3450, 95.4090, 105.8439



85.4924, 95.4090, 93.2667



93.3730, 95.4090, 121.9476

Square

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



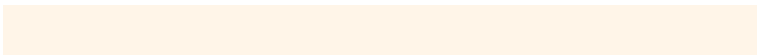
85.4924, 95.4090, 93.2667



86.8961, 95.4090, 119.7932



96.0804, 95.4090, 115.2783



94.5792, 95.4090, 89.4500

Rectangle

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



85.4924, 95.4090, 93.2667



84.4851, 95.4090, 108.4922



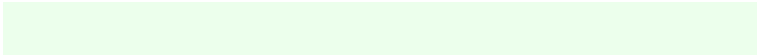
96.0804, 95.4090, 115.2783



97.1776, 95.4090, 99.4085

Sweetspot

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



85.4932, 95.4094, 93.2682



92.3882, 98.7214, 104.5461



92.1406, 98.8362, 93.5791



19.8027, 21.1438, 22.4228



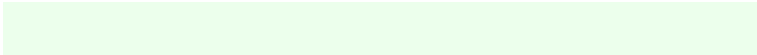
0.0000, 0.0000, 0.0000



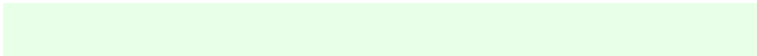
20.3446, 21.4041, 23.3091

Same Dimension

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



85.4932, 95.4094, 93.2682



83.6276, 94.5132, 90.2166



86.9106, 95.9763, 100.7322



17.7717, 20.1682, 19.1006



18.6854, 37.3707, 6.2285



1.8193, 3.6387, 0.6065

Inverse Universe

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



89.2859, 88.4718, 106.9784



88.1606, 86.2214, 106.6033



87.7939, 87.8750, 99.1219



18.7928, 18.3004, 22.7917



30.9800, 14.8813, 50.6726



3.0164, 1.4489, 4.9338

Previews

White Background



This preview shows how the XYZ color 85.4924, 95.4090, 93.2667 looks on a white background.

Color Contrast Check

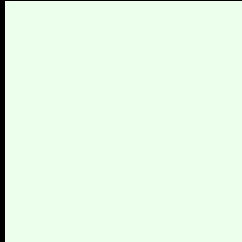
Large Text (above 18pt) WCAG AA × Fail

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 85.4924, 95.4090, 93.2667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

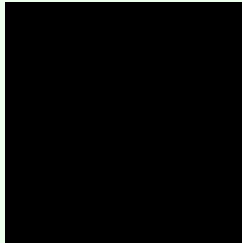
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

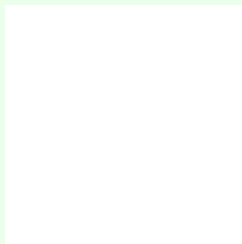
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.4924, 95.4090, 93.2667

Background



This preview shows how black text looks on a background with the XYZ color 85.4924, 95.4090, 93.2667.



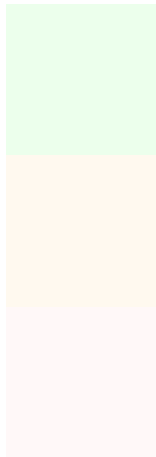
This preview shows how white text looks on a background with the XYZ color 85.4924, 95.4090,

93.2667.

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

85.4924, 95.4090, 93.2667

Protanopia

90.6957, 95.2434, 95.2650

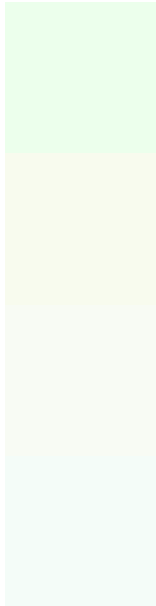
Deuteranopia

91.7507, 95.1721, 102.3412

Tritanopia

90.9470, 95.5477, 108.2569

Trichromacy



Original Color

85.4924, 95.4090, 93.2667

Protanomaly

88.6412, 95.1239, 94.5778

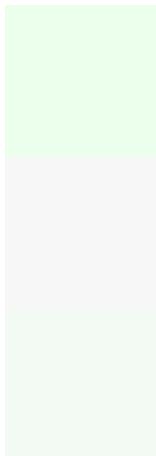
Deuteranomaly

89.5377, 95.4825, 99.2988

Tritanomaly

89.0619, 95.6312, 102.5715

Monochromacy



Original Color

85.4924, 95.4090, 93.2667

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

87.3254, 93.8970, 98.3154

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.4924, 95.4090, 93.2667 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(236, 255, 236)` looks like.

```
.text, #text, p{  
    color:rgb(236, 255, 236)  
}
```

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(236, 255, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 255, 236) }
```

Border

The CSS property to change the border of an element to XYZ 85.4924, 95.4090, 93.2667 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(236, 255, 236) }
```


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

```
.border{ border-color:rgb(236, 255, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 255, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 255, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 255, 236);  
box-shadow:4px 4px 4px 4px rgb(236, 255,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 85.4924, 95.4090, 93.2667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 255, 236) }
```

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

```
.background{ background-color: rgb(236,  
255, 236) }
```

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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