

Converting Colors

XYZ(89.8836, 104.4117,
91.7348)

Have a look what the booklet for
XYZ(89.8836, 104.4117, 91.7348)
contains.

XYZ(85.2505, 95.3507, 90.2553)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(85.2505, 95.3507,
90.2553)**

Conversions

Conversions Part 1

Format	Color
Hex	EDFFE8
RGB	237, 255, 232
RGB Percent	93%, 100%, 91%
CMY	0.0706, 0.0000, 0.0902
CMYK	0.07, 0.00, 0.09, 0.00
HSL	107°, 100%, 95%
HSV	107°, 9%, 100%
XYZ	85.2505, 95.3507, 90.2553
YIQ	246.9960, -3.3450, -10.9690

Conversions

Conversions Part 2

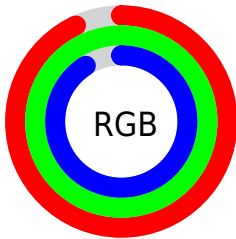
Format	Color
R_{YB}	232, 255, 250
Decimal	15597544
CIE _{Lab}	98.17, -9.93, 8.98
CIE _{LCh}	98, 13.388, 137.894
Yxy	95.3507, 0.3147, 0.3520
Android (android.graphics.Color)	4293787624 (0xFFEDFFE8)
YUV	246.9960, -7.3930, -8.7665
Hunter-Lab	97.6477, -15.0455, 13.5519

Details

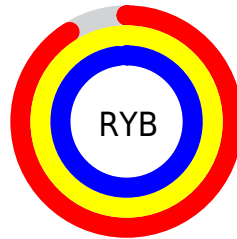
The XYZ color **85.2505, 95.3507, 90.2553** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.3317, 85.2584, 106.5141**, and the grayscale version is **88.4644, 93.0715, 101.3548**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.0866, 53.3465, 48.8895** is the 20% darker color. If you saturate the color by 10%, you get **75.5902, 90.7592, 72.2470**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

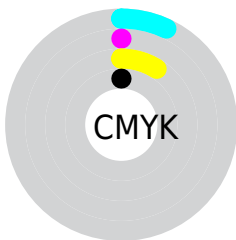
Distribution



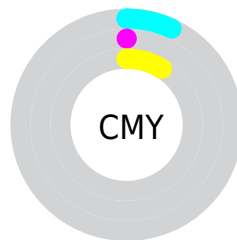
- Red (93%)
- Green (100%)
- Blue (91%)



- Red (91%)
- Yellow (100%)
- Blue (98%)



- Cyan (7%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)




- Cyan (7%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.2505, 95.3507, 90.2553 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 85.2505, 95.3507, 90.2553 by changing the saturation by 10% instead.


 85.2505, 95.3507,
90.2553

 85.2505, 95.3507,
90.2553


500.9278,
545.2871, 549.4525

 64.3716, 72.4269,
67.6175

139.6353,
154.7490, 149.6316

 47.2145, 53.5075,
49.1219


173.8719,
191.9923, 187.2071

 33.4139, 38.2080,
34.3499


213.2918,
234.7776, 230.5990

 22.6045, 26.1442,
22.8830

258.2603,
283.4892, 280.2258

 14.4208, 16.9315,
14.3026

309.1428,
338.5116, 336.5060

 8.4976, 10.1857,
8.1903

366.3047,

 4.4694, 5.5223,

400.2291, 399.8582

4.1274

430.1112,
469.0261, 470.7008

■ 1.9710, 2.5568,
1.6955

■ 0.6176, 0.9050,
0.3577

■ 85.2505, 95.3507,
90.2553

■ 85.2505, 95.3507,
90.2553

■ 75.5902, 90.7592,
72.2470

95.0500, 100.0000,
108.9000

■ 67.1496, 86.7384,
56.9201

■ 59.8800, 83.2660,
44.1478

■ 53.7280, 80.3174,
33.7908

■ 48.6365, 77.8665,
25.6971

■ 44.5426, 75.8845,
19.6971

■ 41.3764, 74.3398,
15.5973

■ 39.0583, 73.1961,
13.1684

■ 37.4834, 72.4069,
12.0722

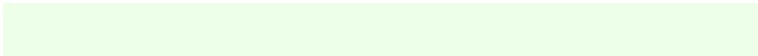
Harmonies

Analogous

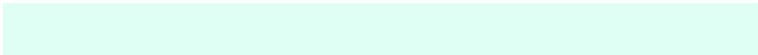
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.3743, 95.3507, 84.9390



85.2505, 95.3507, 90.2553



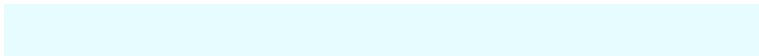
83.5867, 95.3507, 99.4413

Triad

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



85.2505, 95.3507, 90.2553



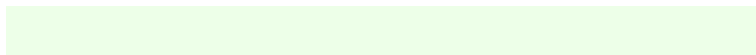
89.0856, 95.3507, 125.9404



97.8505, 95.3507, 97.4471

Complementary

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



85.2505, 95.3507, 90.2553



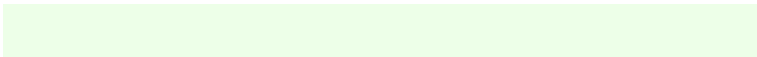
86.3317, 85.2584, 106.5141

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.



98.0540, 95.3507, 108.3269



85.2505, 95.3507, 90.2553



92.9197, 95.3507, 125.3118

Square

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



85.2505, 95.3507, 90.2553



85.7585, 95.3507, 120.3428



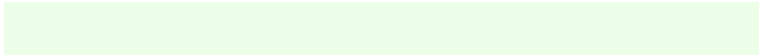
96.2270, 95.3507, 118.6815



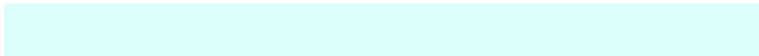
95.6784, 95.3507, 88.8846

Rectangle

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



85.2505, 95.3507, 90.2553



83.4972, 95.3507, 106.7573



96.2270, 95.3507, 118.6815



98.1536, 95.3507, 100.9385

Sweetspot

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



85.2513, 95.3511, 90.2568



91.6741, 98.3992, 102.4403



89.8777, 95.2301, 89.9896



19.4331, 20.9719, 21.5663



0.0000, 0.0000, 0.0000



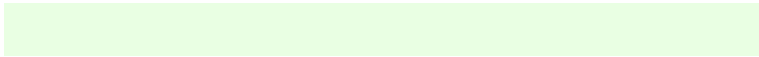
20.3446, 21.4041, 23.3091

Same Dimension

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



85.2513, 95.3511, 90.2568



83.2380, 94.3949, 86.4698



84.4918, 94.8571, 94.8488



18.1407, 20.3584, 19.1178



19.6229, 37.8541, 6.2723



1.9982, 3.7309, 0.6148

Inverse Universe

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



86.3317, 85.2584, 106.5141



84.5376, 82.2526, 106.0285



87.1753, 85.8056, 101.4815



18.3836, 18.0895, 22.7726



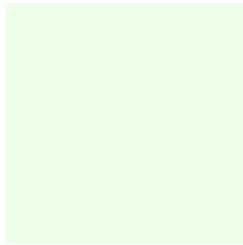
21.9496, 10.2259, 50.2515



2.2284, 1.0427, 4.8971

Previews

White Background



This preview shows how the XYZ color 85.2505, 95.3507, 90.2553 looks on a white background.

Color Contrast Check

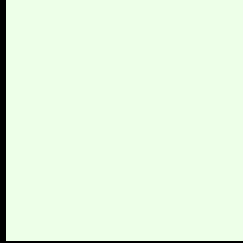
Large Text (above 18pt) WCAG AA × Fail

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 85.2505, 95.3507, 90.2553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

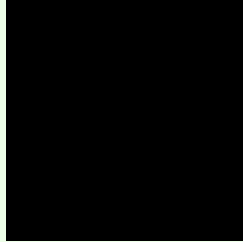
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

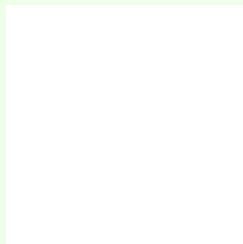
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.2505, 95.3507, 90.2553

Background



This preview shows how black text looks on a background with the XYZ color 85.2505, 95.3507, 90.2553.



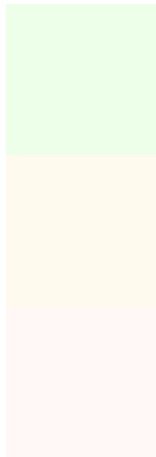
This preview shows how white text looks on a background with the XYZ color 85.2505, 95.3507,

90.2553.

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

85.2505, 95.3507, 90.2553

Protanopia

90.5483, 95.1844, 94.4889

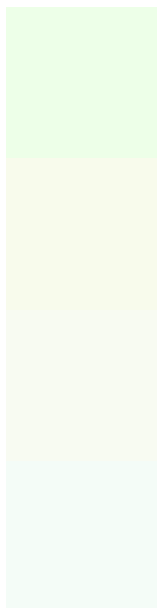
Deuteranopia

91.5959, 95.1102, 101.5262

Tritanopia

90.9470, 95.5477, 108.2569

Trichromacy



Original Color

85.2505, 95.3507, 90.2553

Protanomaly

88.3489, 95.0069, 93.0386

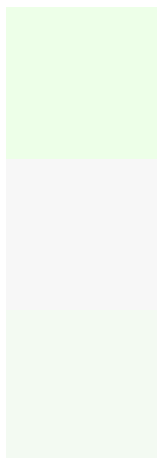
Deuteranomaly

89.2356, 95.3616, 97.7078

Tritanomaly

88.9071, 95.5693, 101.7565

Monochromacy



Original Color

85.2505, 95.3507, 90.2553

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

87.1748, 93.8367, 97.5221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.2505, 95.3507, 90.2553 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(237, 255, 232)` looks like.

```
.text, #text, p{  
    color:rgb(237, 255, 232)  
}
```

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(237, 255, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 255, 232) }
```

Border

The CSS property to change the border of an element to XYZ 85.2505, 95.3507, 90.2553 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(237, 255, 232) }
```


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

```
.border{ border-color:rgb(237, 255, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 255, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 255, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 255, 232);  
box-shadow:4px 4px 4px 4px rgb(237, 255,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 85.2505, 95.3507, 90.2553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 255, 232) }
```

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

```
.background{ background-color: rgb(237,  
255, 232) }
```

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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