

Converting Colors

XYZ(86.7914, 98.1618, 91.1264)

Have a look what the booklet for
XYZ(86.7914, 98.1618, 91.1264)
contains.

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Color

**XYZ(85.3930, 95.4077,
91.0056)**

Conversions

Conversions Part 1

Format	Color
Hex	EDFFE9
RGB	237, 255, 233
RGB Percent	93%, 100%, 91%
CMY	0.0706, 0.0000, 0.0863
CMYK	0.07, 0.00, 0.09, 0.00
HSL	109°, 100%, 96%
HSV	109°, 9%, 100%
XYZ	85.3930, 95.4077, 91.0056
YIQ	247.1100, -3.6660, -10.6580

Conversions

Conversions Part 2

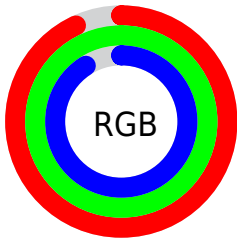
Format	Color
R _Y B	233, 255, 251
Decimal	15597545
CIE Lab	98.20, -9.76, 8.50
CIE LCh	98, 12.942, 138.964
Yxy	95.4077, 0.3142, 0.3510
Android (android.graphics.Color)	4293787625 (0xFFEDFFE9)
YUV	247.1100, -6.9562, -8.8665
Hunter-Lab	97.6769, -14.8827, 13.1333

Details

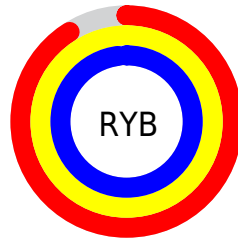
The XYZ color **85.3930, 95.4077, 91.0056** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.9733, 86.0082, 106.6250**, and the grayscale version is **88.5539, 93.1656, 101.4574**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.1860, 53.3862, 49.4126** is the 20% darker color. If you saturate the color by 10%, you get **75.4435, 90.6695, 72.8784**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

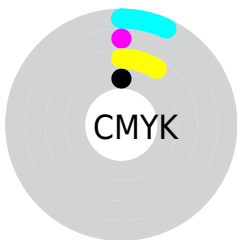
Distribution



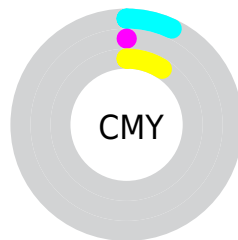
- Red (93%)
- Green (100%)
- Blue (91%)



- 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 85.3930, 95.4077, 91.0056 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 85.3930, 95.4077, 91.0056 by changing the saturation by 10% instead.


 85.3930, 95.4077,
91.0056

 85.3930, 95.4077,
91.0056


501.3917,
545.4694, 551.9509

 64.4897, 72.4744,
68.2366


139.8333,
154.8277, 150.6821

 47.3106, 53.5463,
49.6223


174.1011,
192.0832, 188.4267

 33.4902, 38.2390,
34.7443


213.5544,
234.8815, 232.0003

 22.6633, 26.1683,
23.1840

258.5586,
283.6071, 281.8213

 14.4644, 16.9496,
14.5229

309.4791,
338.6442, 338.3083

 8.5282, 10.1985,
8.3423

366.6812,

 4.4894, 5.5308,

400.3774, 401.8799

4.2239

430.5303,
469.1910, 472.9546

■ 1.9826, 2.5619,
1.7489

■ 0.6241, 0.9076,
0.3940

■ 85.3930, 95.4077,
91.0056

■ 85.3930, 95.4077,
91.0056

■ 75.4435, 90.6695,
72.8784

95.0500, 100.0000,
108.9000

■ 66.7802, 86.5361,
57.4404

■ 59.3504, 82.9832,
44.5650

■ 53.0971, 79.9843,
34.1134

■ 47.9585, 77.5110,
25.9337

■ 43.8671, 75.5321,
19.8569

■ 40.7476, 74.0129,
15.6904

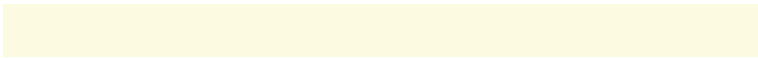
■ 38.5141, 72.9142,
13.2065

■ 37.0568, 72.1863,
12.0808

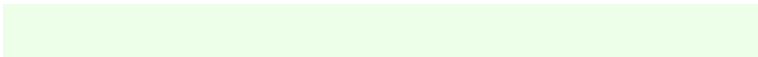
Harmonies

Analogous

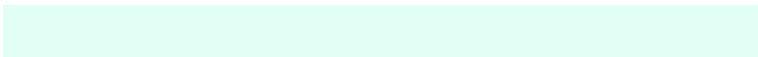
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.3774, 95.4077, 85.6887



85.3930, 95.4077, 91.0056



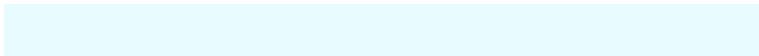
83.8411, 95.4077, 100.0106

Triad

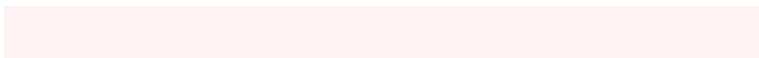
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.3930, 95.4077, 91.0056



89.3198, 95.4077, 125.3145



97.6164, 95.4077, 97.3666

Complementary

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



85.3930, 95.4077, 91.0056



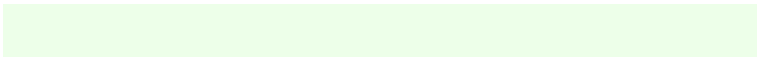
86.9733, 86.0082, 106.6250

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.



97.8855, 95.4077, 107.8536



85.3930, 95.4077, 91.0056



93.0266, 95.4077, 124.4855

Square

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



85.3930, 95.4077, 91.0056



86.0667, 95.4077, 120.1138



96.1853, 95.4077, 117.9207



95.4598, 95.4077, 89.1841

Rectangle

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



85.3930, 95.4077, 91.0056



83.7985, 95.4077, 107.1076



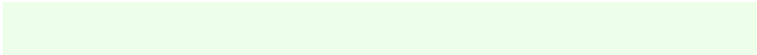
96.1853, 95.4077, 117.9207



97.9328, 95.4077, 100.7233

Sweetspot

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



85.3938, 95.4081, 91.0071



91.5772, 98.3492, 102.4358



90.4351, 96.1170, 90.8782



19.4071, 20.9584, 21.5651



0.0000, 0.0000, 0.0000



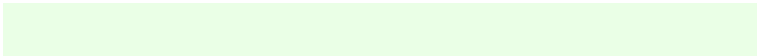
20.3446, 21.4041, 23.3091

Same Dimension

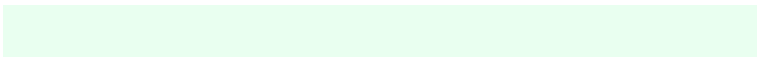
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.3938, 95.4081, 91.0071



83.9492, 94.7206, 88.3536



85.0883, 95.1333, 96.2910



18.0795, 20.3269, 19.1149



19.3708, 37.7241, 6.2605



1.9653, 3.7139, 0.6133

Inverse Universe

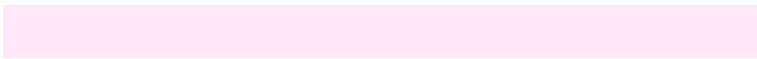
The Inverse Universe completely reimagines the original color for something new.



86.9733, 86.0082, 106.6250



85.7627, 83.9270, 106.2871



87.3280, 86.3183, 100.8930



18.4497, 18.1236, 22.7757



23.2346, 10.8884, 50.3116



2.3427, 1.1016, 4.9024

Previews

White Background



This preview shows how the XYZ color 85.3930, 95.4077, 91.0056 looks on a white background.

Color Contrast Check

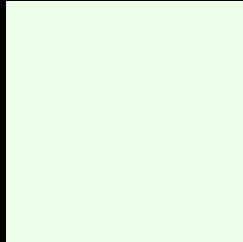
Large Text (above 18pt) WCAG AA × Fail

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 85.3930, 95.4077, 91.0056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

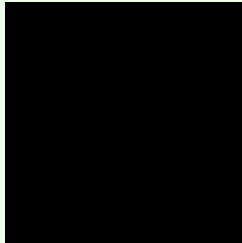
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

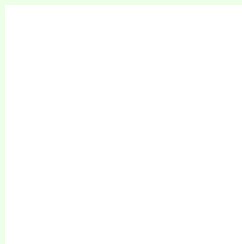
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.3930, 95.4077, 91.0056

Background



This preview shows how black text looks on a background with the XYZ color 85.3930, 95.4077, 91.0056.



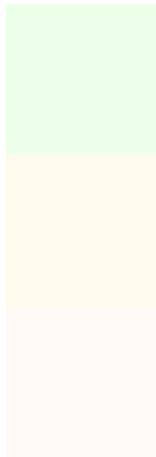
This preview shows how white text looks on a background with the XYZ color 85.3930, 95.4077,

91.056.

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

85.3930, 95.4077, 91.0056

Protanopia

90.5483, 95.1844, 94.4889

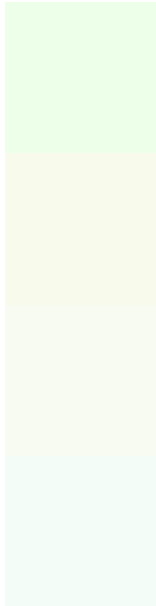
Deuteranopia

91.5959, 95.1102, 101.5262

Tritanopia

90.9470, 95.5477, 108.2569

Trichromacy



Original Color

85.3930, 95.4077, 91.0056

Protanomaly

88.3489, 95.0069, 93.0386

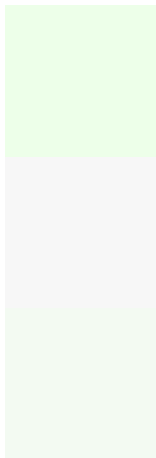
Deuteranomaly

89.2356, 95.3616, 97.7078

Tritanomaly

88.9071, 95.5693, 101.7565

Monochromacy



Original Color

85.3930, 95.4077, 91.0056

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 85.3930, 95.4077, 91.0056 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, 233)` looks like.

```
.text, #text, p{  
    color:rgb(237, 255, 233)  
}
```

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, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 255, 233) }
```

Border

The CSS property to change the border of an element to XYZ 85.3930, 95.4077, 91.0056 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, 233) }
```


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

```
.border{ border-color:rgb(237, 255, 233) }
```

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, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 255, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 255, 233);  
box-shadow:4px 4px 4px 4px rgb(237, 255,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 85.3930, 95.4077, 91.0056 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, 233) }
```

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

```
.background{ background-color: rgb(237,  
255, 233) }
```

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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