

Converting Colors

XYZ(88.7308, 100.0000,
96.1115)

Have a look what the booklet for
XYZ(88.7308, 100.0000, 96.1115)
contains.

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Color

**XYZ(86.5999, 95.9291,
95.6132)**

Conversions

Conversions Part 1

Format	Color
Hex	EEFFEF
RGB	238, 255, 239
RGB Percent	93%, 100%, 94%
CMY	0.0667, 0.0000, 0.0627
CMYK	0.07, 0.00, 0.06, 0.00
HSL	124°, 100%, 97%
HSV	124°, 7%, 100%
XYZ	86.5999, 95.9291, 95.6132
YIQ	248.0930, -4.9960, -8.5800

Conversions

Conversions Part 2

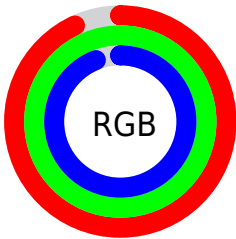
Format	Color
R _{YB}	238, 254, 255
Decimal	15663087
CIE Lab	98.40, -8.39, 5.73
CIE LCh	98, 10.163, 145.696
Yxy	95.9291, 0.3114, 0.3449
Android (android.graphics.Color)	4293853167 (0xFFEEFFEF)
YUV	248.0930, -4.4828, -8.8516
Hunter-Lab	97.9434, -13.5743, 10.6810

Details

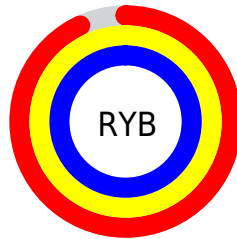
The XYZ color **86.5999, 95.9291, 95.6132** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **89.7044, 89.5658, 106.3259**, and the grayscale version is **89.3371, 93.9896, 102.3547**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.0327, 53.7521, 52.6434** is the 20% darker color. If you saturate the color by 10%, you get **75.3223, 90.4981, 77.7894**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

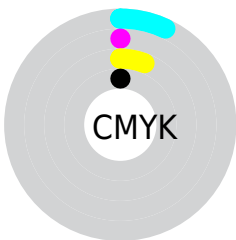
Distribution



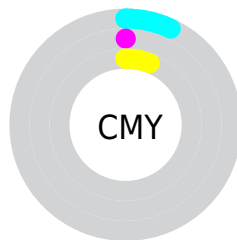
- Red (93%)
- Green (100%)
- Blue (94%)



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



- Cyan (7%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)





- Cyan (7%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.5999, 95.9291, 95.6132 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 86.5999, 95.9291, 95.6132 by changing the saturation by 10% instead.


 86.5999, 95.9291,
95.6132

 86.5999, 95.9291,
95.6132


505.3115,
547.1351, 567.1606

 65.4911, 72.9085,
72.0457


141.5089,
155.5476, 157.1144

 48.1256, 53.9012,
52.7090


176.0397,
192.9142, 195.8851

 34.1380, 38.5226,
37.1844


215.7753,
235.8317, 240.5608

 23.1630, 26.3886,
25.0534

261.0810,
284.6844, 291.5598

 14.8353, 17.1146,
15.8974

312.3221,
339.8567, 349.3007

 8.7894, 10.3162,
9.2980

369.8640,

 4.6601, 5.6091,

401.7330, 414.2022

4.8366

434.0720,
470.6977, 486.6826

■ 2.0819, 2.6089,
2.0947

■ 0.6794, 0.9311,
0.6126

■ 86.5999, 95.9291,
95.6132

■ 86.5999, 95.9291,
95.6132

■ 75.3223, 90.4981,
77.7894

95.0500, 100.0000,
108.9000

■ 65.6582, 85.8467,
62.4011

■ 57.5346, 81.9394,
49.3440

■ 50.8718, 78.7376,
38.5045

■ 45.5830, 76.1993,
29.7593

■ 41.5722, 74.2777,
22.9733

■ 38.7310, 72.9202,
17.9956

■ 36.9329, 72.0654,
14.6532

■ 36.0211, 71.6367,
12.7396

Harmonies

Analogous

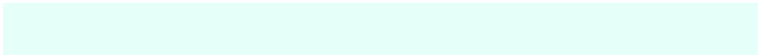
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.7553, 95.9291, 90.5674



86.5999, 95.9291, 95.6132



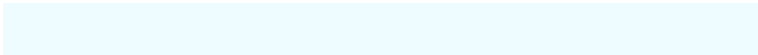
85.6711, 95.9291, 103.2434

Triad

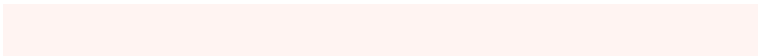
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.5999, 95.9291, 95.6132



90.7553, 95.9291, 121.3908



96.3524, 95.9291, 97.6056

Complementary

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



86.5999, 95.9291, 95.6132



89.7044, 89.5658, 106.3259

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.



96.9154, 95.9291, 105.6669



86.5999, 95.9291, 95.6132



93.6439, 95.9291, 119.6844

Square

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



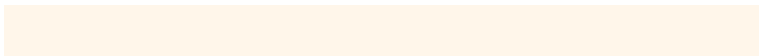
86.5999, 95.9291, 95.6132



88.0374, 95.9291, 118.3624



95.9141, 95.9291, 113.8162



94.3919, 95.9291, 91.6737

Rectangle

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



86.5999, 95.9291, 95.6132



85.8577, 95.9291, 108.8792



95.9141, 95.9291, 113.8162



96.7131, 95.9291, 100.1435

Sweetspot

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



86.6007, 95.9295, 95.6147



92.4352, 98.7402, 104.7940



92.1209, 98.7923, 95.1038



19.8123, 21.1477, 22.4732



0.0000, 0.0000, 0.0000



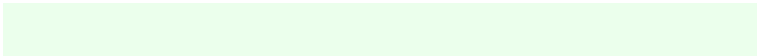
20.3446, 21.4041, 23.3091

Same Dimension

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



86.6007, 95.9295, 95.6147



85.0003, 95.1587, 93.0923



87.8632, 96.4345, 102.2626



17.8149, 20.1855, 19.3282



18.7472, 37.3955, 6.5543



1.8399, 3.6469, 0.7147

Inverse Universe

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



89.7044, 89.5658, 106.3259



88.6913, 87.5908, 105.8301



88.3961, 89.0425, 99.4361



18.7438, 18.2808, 22.5340



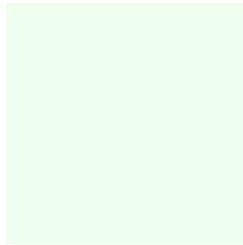
29.7868, 14.4040, 44.3891



2.9137, 1.4079, 4.3930

Previews

White Background



This preview shows how the XYZ color 86.5999, 95.9291, 95.6132 looks on a white background.

Color Contrast Check

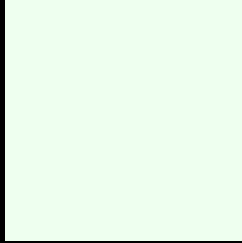
Large Text (above 18pt) WCAG AA × Fail

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 86.5999, 95.9291, 95.6132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

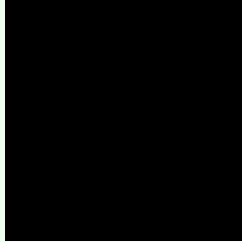
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

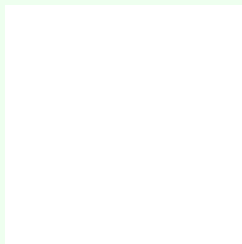
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.5999, 95.9291, 95.6132

Background



This preview shows how black text looks on a background with the XYZ color 86.5999, 95.9291, 95.6132.



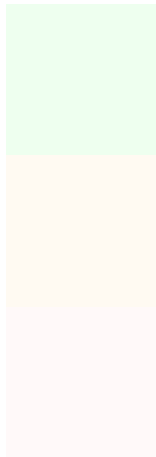
This preview shows how white text looks on a background with the XYZ color 86.5999, 95.9291,

95.6 32.

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

86.5999, 95.9291, 95.6132

Protanopia

91.4526, 96.0420, 97.7223

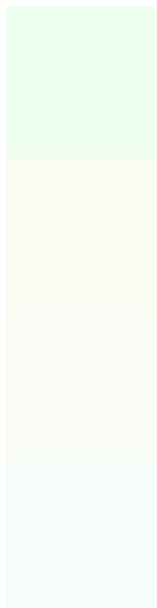
Deuteranopia

92.2146, 95.8509, 103.2634

Tritanopia

91.3025, 95.7310, 108.2735

Trichromacy



Original Color

86.5999, 95.9291, 95.6132

Protanomaly

89.7545, 96.1114, 97.0399

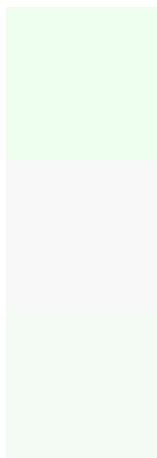
Deuteranomaly

90.0455, 95.7267, 100.1174

Tritanomaly

89.5655, 95.8728, 103.4072

Monochromacy



Original Color

86.5999, 95.9291, 95.6132

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

88.2868, 94.8200, 100.0351

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.5999, 95.9291, 95.6132 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(238, 255, 239)` looks like.

```
.text, #text, p{  
    color:rgb(238, 255, 239)  
}
```

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(238, 255, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 255, 239) }
```

Border

The CSS property to change the border of an element to XYZ 86.5999, 95.9291, 95.6132 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(238, 255, 239) }
```


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

```
.border{ border-color:rgb(238, 255, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 255, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 255, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 255, 239);  
box-shadow:4px 4px 4px 4px rgb(238, 255,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 86.5999, 95.9291, 95.6132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 255, 239) }
```

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

```
.background{ background-color: rgb(238,  
255, 239) }
```

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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