

Converting Colors

XYZ(88.4591, 100.0000,
99.6729)

Have a look what the booklet for
XYZ(88.4591, 100.0000, 99.6729)
contains.

XYZ(86.1986, 95.6532, 98.7138)	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(86.1986, 95.6532,
98.7138)**

Conversions

Conversions Part 1

Format	Color
Hex	EBFFF3
RGB	235, 255, 243
RGB Percent	92%, 100%, 95%
CMY	0.0784, 0.0000, 0.0471
CMYK	0.08, 0.00, 0.05, 0.00
HSL	144°, 100%, 96%
HSV	144°, 8%, 100%
XYZ	86.1986, 95.6532, 98.7138
YIQ	247.6520, -8.0680, -7.9720

Conversions

Conversions Part 2

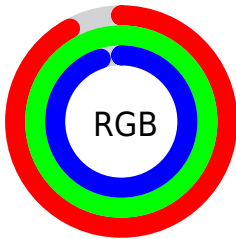
Format	Color
R _Y B	235, 249, 255
Decimal	15466483
CIE Lab	98.29, -8.67, 3.49
CIE LCh	98, 9.348, 158.077
Yxy	95.6532, 0.3072, 0.3409
Android (android.graphics.Color)	4293656563 (0xFFEBFFF3)
YUV	247.6520, -2.2934, -11.0958
Hunter-Lab	97.8025, -13.8326, 8.6192

Details

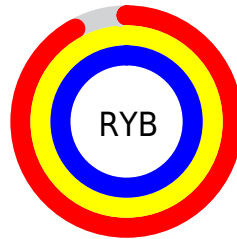
The XYZ color **86.1986, 95.6532, 98.7138** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.7373, 87.3931, 100.2399**, and the grayscale version is **88.9614, 93.5943, 101.9242**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.7541, 53.5597, 54.8349** is the 20% darker color. If you saturate the color by 10%, you get **76.1591, 90.7336, 86.6821**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

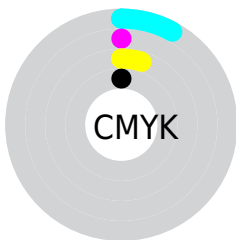
Distribution



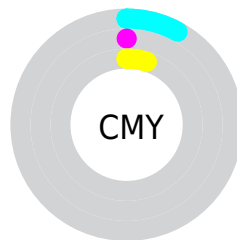
- Red (92%)
- Green (100%)
- Blue (95%)



- Red (92%)
- Yellow (98%)
- Blue (100%)



- Cyan (8%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (8%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.1986, 95.6532, 98.7138 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 86.1986, 95.6532, 98.7138 by changing the saturation by 10% instead.


 86.1986, 95.6532,
98.7138

 86.1986, 95.6532,
98.7138


504.0100,
546.2540, 577.2725

 65.1580, 72.6788,
74.6159

140.9520,
155.1667, 161.4250

 47.8544, 53.7133,
54.7985


175.3955,
192.4746, 200.8753

 33.9224, 38.3725,
38.8429


215.0375,
235.3290, 246.2803

 22.9966, 26.2719,
26.3306

260.2431,
284.1145, 298.0583

 14.7117, 17.0272,
16.8432

311.3778,
339.2153, 356.6280

 8.7023, 10.2539,
9.9620

368.8069,

 4.6030, 5.5676,

401.0159, 422.4079

5.2685

432.8959,
469.9007, 495.8166

■ 2.0486, 2.5840,
2.3441

■ 0.6611, 0.9186,
0.7558

■ 86.1986, 95.6532,
98.7138

■ 86.1986, 95.6532,
98.7138

■ 76.1591, 90.7336,
86.6821

95.0500, 100.0000,
108.9000

■ 67.4623, 86.4844,
75.6924

■ 60.0495, 82.8761,
65.7182

■ 53.8566, 79.8761,
56.7300

■ 48.8135, 77.4488,
48.6971

■ 44.8427, 75.5551,
41.5870

■ 41.8566, 74.1503,
35.3651

■ 39.7525, 73.1823,
29.9945

■ 38.3947, 72.5818,
25.4347

Harmonies

Analogous

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



87.7611, 95.6532, 92.9133



86.1986, 95.6532, 98.7138



85.8873, 95.6532, 106.2464

Triad

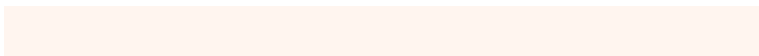
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.1986, 95.6532, 98.7138



91.6445, 95.6532, 119.5243



95.0504, 95.6532, 95.2744

Complementary

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



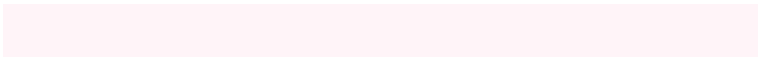
86.1986, 95.6532, 98.7138



87.7373, 87.3931, 100.2399

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.



96.1362, 95.6532, 102.0815



86.1986, 95.6532, 98.7138



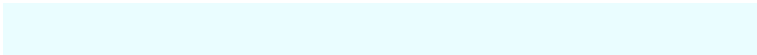
94.1446, 95.6532, 116.2582

Square

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



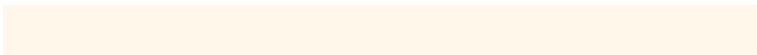
86.1986, 95.6532, 98.7138



88.9969, 95.6532, 118.5134



95.8014, 95.6532, 109.7824



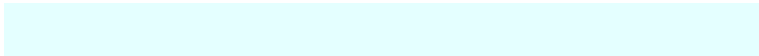
92.8614, 95.6532, 90.9968

Rectangle

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



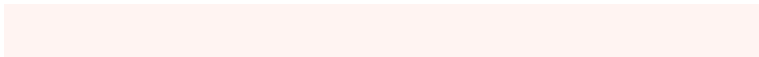
86.1986, 95.6532, 98.7138



86.4254, 95.6532, 111.2827



95.8014, 95.6532, 109.7824



95.5585, 95.6532, 97.3290

Sweetspot

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



86.1995, 95.6536, 98.7153



92.7097, 98.8500, 106.2394



89.1137, 97.2925, 92.6811



19.8682, 21.1700, 22.7676



0.0000, 0.0000, 0.0000



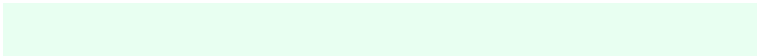
20.3446, 21.4041, 23.3091

Same Dimension

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



86.1995, 95.6536, 98.7153



84.9667, 95.0489, 97.2681



87.7512, 96.2743, 106.8865



18.0726, 20.2886, 20.6853



20.0076, 37.8996, 13.1913



2.0003, 3.7110, 1.5593

Inverse Universe

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



87.7373, 87.3931, 100.2399



86.7175, 85.6441, 99.0037



86.2351, 86.7922, 92.3295



18.4670, 18.1701, 21.0763



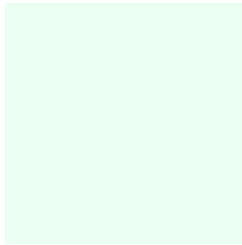
24.6285, 12.3407, 17.2259



2.4520, 1.2232, 1.9616

Previews

White Background



This preview shows how the XYZ color 86.1986, 95.6532, 98.7138 looks on a white background.

Color Contrast Check

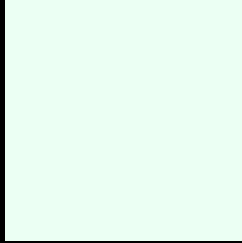
Large Text (above 18pt) WCAG AA × Fail

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 86.1986, 95.6532, 98.7138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

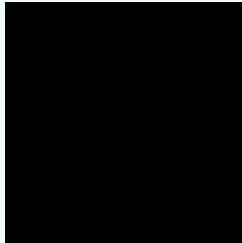
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

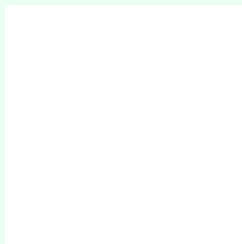
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.1986, 95.6532, 98.7138

Background



This preview shows how black text looks on a background with the XYZ color 86.1986, 95.6532, 98.7138.



This preview shows how white text looks on a background with the XYZ color 86.1986, 95.6532,

98.7 38.

Color Blindness Simulation

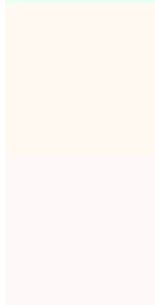
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

86.1986, 95.6532, 98.7138



Protanopia

91.1427, 95.4222, 97.6190

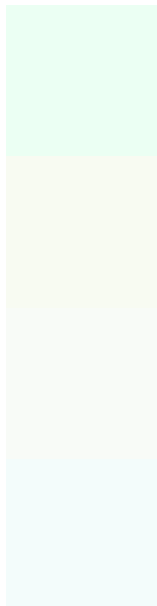
Deuteranopia

91.9063, 95.2344, 103.1606

Tritanopia

90.5934, 95.3654, 108.2403

Trichromacy



Original Color

86.1986, 95.6532, 98.7138

Protanomaly

89.2356, 95.3616, 97.7078

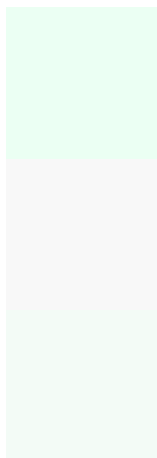
Deuteranomaly

89.9971, 95.6662, 101.7178

Tritanomaly

89.1851, 95.6405, 105.0267

Monochromacy



Original Color

86.1986, 95.6532, 98.7138

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

88.0939, 94.7029, 100.8252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.1986, 95.6532, 98.7138 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(235, 255, 243)` looks like.

```
.text, #text, p{  
    color:rgb(235, 255, 243)  
}
```

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(235, 255, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 255, 243) }
```

Border

The CSS property to change the border of an element to XYZ 86.1986, 95.6532, 98.7138 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(235, 255, 243) }
```


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

```
.border{ border-color:rgb(235, 255, 243) }
```

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

Here you see how a box with a 4 pixel rgb(235, 255, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 255, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 255, 243);  
box-shadow:4px 4px 4px 4px rgb(235, 255,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 86.1986, 95.6532, 98.7138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 255, 243) }
```

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

```
.background{ background-color: rgb(235,  
255, 243) }
```

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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