

Converting Colors

XYZ(108.4050, 139.3948,
108.8139)

Have a look what the booklet for
XYZ(108.4050, 139.3948, 108.8139)
contains.

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Color

**XYZ(86.8095, 95.8976,
101.9304)**

Conversions

Conversions Part 1

Format	Color
Hex	EBFFF7
RGB	235, 255, 247
RGB Percent	92%, 100%, 97%
CMY	0.0784, 0.0000, 0.0314
CMYK	0.08, 0.00, 0.03, 0.00
HSL	156°, 100%, 96%
HSV	156°, 8%, 100%
XYZ	86.8095, 95.8976, 101.9304
YIQ	248.1080, -9.3520, -6.7280

Conversions

Conversions Part 2

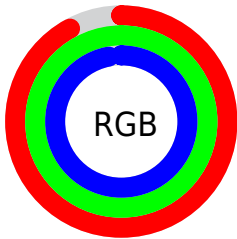
Format	Color
R _Y B	235, 248, 255
Decimal	15466487
CIE Lab	98.39, -7.95, 1.58
CIE LCh	98, 8.105, 168.776
Yxy	95.8976, 0.3050, 0.3369
Android (android.graphics.Color)	4293656567 (0xFFEBFFF7)
YUV	248.1080, -0.5462, -11.4957
Hunter-Lab	97.9273, -13.1382, 6.8355

Details

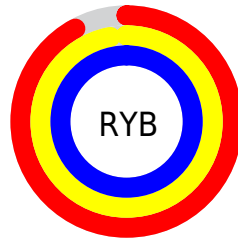
The XYZ color **86.8095, 95.8976, 101.9304** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.1266, 87.1489, 97.0235**, and the grayscale version is **89.3208, 93.9725, 102.3360**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.1885, 53.7335, 57.1220** is the 20% darker color. If you saturate the color by 10%, you get **77.4541, 91.2516, 93.5010**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

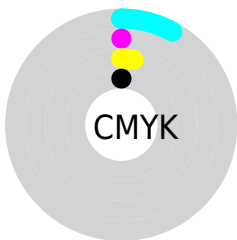
Distribution



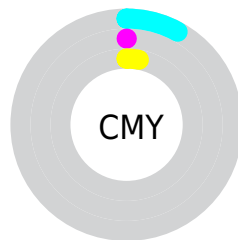
- Red (92%)
- Green (100%)
- Blue (97%)



- Red (92%)
- Yellow (97%)
- Blue (100%)



- Cyan (8%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)





- Cyan (8%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.8095, 95.8976, 101.9304 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 86.8095, 95.8976, 101.9304 by changing the saturation by 10% instead.


 86.8095, 95.8976,
101.9304

 86.8095, 95.8976,
101.9304

505.9906,
547.0346, 587.6636

 65.6651, 72.8823,
77.2878


141.7996,
155.5041, 165.8824

 48.2673, 53.8797,
56.9762

176.3760,
192.8640, 206.0290

 34.2507, 38.5055,
40.5769


216.1604,
235.7743, 252.1806

 23.2501, 26.3753,
27.6714

261.5183,
284.6193, 304.7558

 14.9000, 17.1046,
17.8412

312.8149,
339.7835, 364.1732

 8.8351, 10.3091,
10.6678

370.4155,

 4.6900, 5.6044,

401.6511, 430.8512

5.7326

434.6857,
470.6067, 505.2085

■ 2.0994, 2.6060,
2.6170

■ 0.6889, 0.9297,
0.9012

■ 86.8095, 95.8976,
101.9304

■ 86.8095, 95.8976,
101.9304

■ 77.4541, 91.2516,
93.5010

95.0500, 100.0000,
108.9000

■ 69.3382, 87.2348,
85.5705

■ 62.4067, 83.8190,
78.1305

■ 56.5989, 80.9730,
71.1706

■ 51.8487, 78.6629,
64.6801

■ 48.0825, 76.8510,
58.6477

■ 45.2171, 75.4945,
53.0613

■ 43.1542, 74.5430,
47.9080

■ 41.7632, 73.9292,
43.1729

Harmonies

Analogous

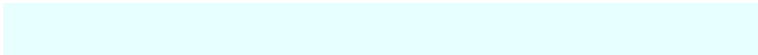
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.8086, 95.8976, 96.1603



86.8095, 95.8976, 101.9304



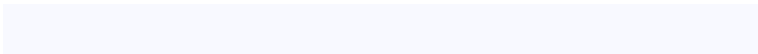
86.9579, 95.8976, 108.6147

Triad

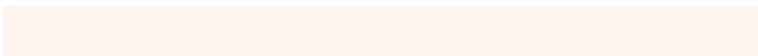
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.8095, 95.8976, 101.9304



92.6022, 95.8976, 117.0848



94.1422, 95.8976, 95.0299

Complementary

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



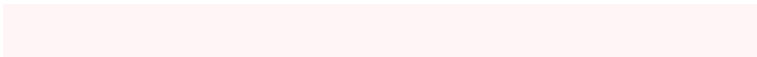
86.8095, 95.8976, 101.9304



87.1266, 87.1489, 97.0235

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.



95.4701, 95.8976, 100.3273



86.8095, 95.8976, 101.9304



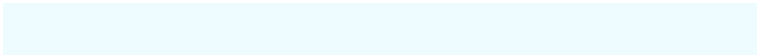
94.5706, 95.8976, 113.1316

Square

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



86.8095, 95.8976, 101.9304



90.2756, 95.8976, 117.5591



95.6283, 95.8976, 106.9421



92.0255, 95.8976, 92.2913

Rectangle

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



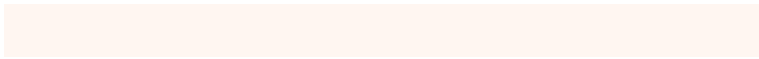
86.8095, 95.8976, 101.9304



87.6882, 95.8976, 112.6877



95.6283, 95.8976, 106.9421



94.6972, 95.8976, 96.5597

Sweetspot

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



86.8104, 95.8980, 101.9319



92.8718, 98.9148, 107.0929



87.7182, 96.5732, 92.6160



19.9012, 21.1832, 22.9414



0.0000, 0.0000, 0.0000



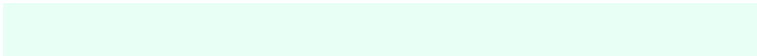
20.3446, 21.4041, 23.3091

Same Dimension

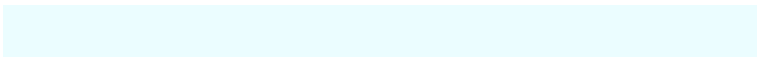
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.8104, 95.8980, 101.9319



85.6620, 95.3270, 100.9300



87.4369, 95.1332, 108.3619



18.2292, 20.3512, 21.5102



21.7661, 38.6030, 22.4511



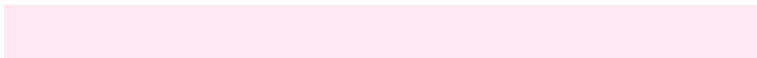
2.1733, 3.7802, 2.4703

Inverse Universe

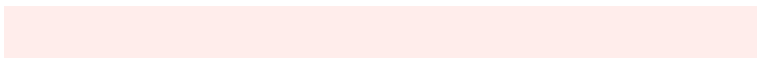
The Inverse Universe completely reimagines the original color for something new.



87.1266, 87.1489, 97.0235



86.0221, 85.3659, 95.3419



86.5204, 87.8277, 90.9911



18.3103, 18.1075, 20.2514



22.8704, 11.6375, 7.9681



2.2790, 1.1540, 1.0507

Previews

White Background



This preview shows how the XYZ color 86.8095, 95.8976, 101.9304 looks on a white background.

Color Contrast Check

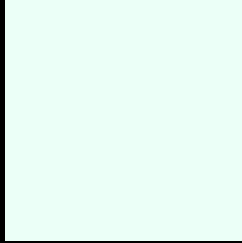
Large Text (above 18pt) WCAG AA × Fail

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 86.8095, 95.8976, 101.9304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

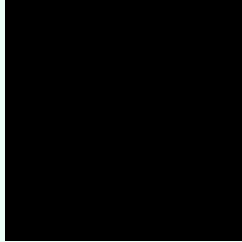
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

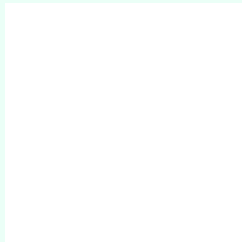
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.8095, 95.8976, 101.9304

Background



This preview shows how black text looks on a background with the XYZ color 86.8095, 95.8976, 101.9304.



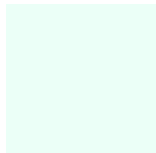
This preview shows how white text looks on a background with the XYZ color 86.8095, 95.8976,

101.9304.

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

86.8095, 95.8976, 101.9304

Protanopia

91.5971, 95.6039, 100.0119

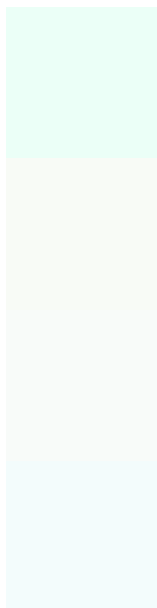
Deuteranopia

92.3710, 95.9135, 104.0872

Tritanopia

90.9470, 95.5477, 108.2569

Trichromacy



Original Color

86.8095, 95.8976, 101.9304

Protanomaly

89.8431, 95.6046, 100.9071

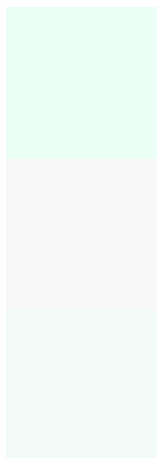
Deuteranomaly

90.3075, 95.7904, 103.3522

Tritanomaly

89.3432, 95.7038, 105.8592

Monochromacy



Original Color

86.8095, 95.8976, 101.9304

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

88.4026, 94.8264, 102.4509

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.8095, 95.8976, 101.9304 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, 247)` looks like.

```
.text, #text, p{  
    color:rgb(235, 255, 247)  
}
```

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, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 255, 247) }
```

Border

The CSS property to change the border of an element to XYZ 86.8095, 95.8976, 101.9304 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, 247) }
```


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

```
.border{ border-color:rgb(235, 255, 247) }
```

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, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 255, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 255, 247);  
box-shadow:4px 4px 4px 4px rgb(235, 255,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 86.8095, 95.8976, 101.9304 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, 247) }
```

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

```
.background{ background-color: rgb(235,  
255, 247) }
```

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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