

Converting Colors

XYZ(86.2641, 94.9163,
104.2099)

Have a look what the booklet for
XYZ(86.2641, 94.9163, 104.2099)
contains.

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Color

**XYZ(86.3014, 95.1094,
104.2519)**

Conversions

Conversions Part 1

Format	Color
Hex	E9FEFA
RGB	233, 254, 250
RGB Percent	91%, 100%, 98%
CMY	0.0863, 0.0039, 0.0196
CMYK	0.08, 0.00, 0.02, 0.00
HSL	169°, 91%, 95%
HSV	169°, 8%, 100%
XYZ	86.3014, 95.1094, 104.2519
YIQ	247.2650, -11.2320, -5.6960

Conversions

Conversions Part 2

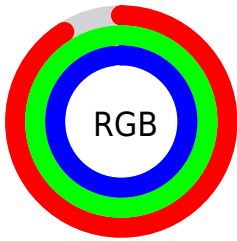
Format	Color
R _Y B	233, 245, 254
Decimal	15335162
CIE _{Lab}	98.08, -7.54, -0.44
CIE _{LCh}	98, 7.557, 183.325
Y _{xy}	95.1094, 0.3021, 0.3329
Android (android.graphics.Color)	4293525242 (0xFFE9FEFA)
YUV	247.2650, 1.3484, -12.5104
Hunter-Lab	97.5240, -12.7081, 4.8866

Details

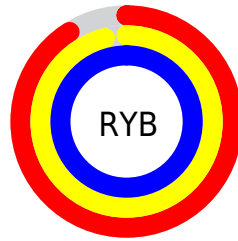
The XYZ color **86.3014, 95.1094, 104.2519** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.3015, 85.4656, 92.1258**, and the grayscale version is **88.6219, 93.2371, 101.5352**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.8353, 53.1747, 58.7815** is the 20% darker color. If you saturate the color by 10%, you get **77.8499, 90.8417, 99.9453**, and if you desaturate by 10%, it is **94.7085, 99.3572, 108.6621**.

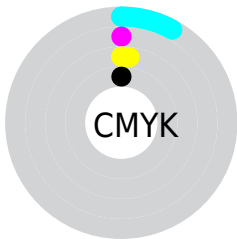
Distribution



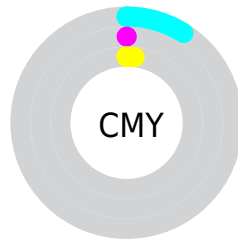
- Red (91%)
- Green (100%)
- Blue (98%)



- Red (91%)
- Yellow (96%)
- Blue (100%)



- Cyan (8%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (9%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.3014, 95.1094, 104.2519 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 86.3014, 95.1094, 104.2519 by changing the saturation by 10% instead.


 86.3014, 95.1094,
104.2519

 86.3014, 95.1094,
104.2519

504.3436,
544.5152, 595.1030

 65.2433, 72.2260,
79.2196


141.0947,
154.4157, 169.0907

 47.9239, 53.3433,
58.5540


175.5606,
191.6075, 209.7344

 33.9776, 38.0769,
41.8365


215.2265,
234.3375, 256.4189

 23.0392, 26.0424,
28.6487

260.4578,
282.9902, 309.5627

 14.7433, 16.8554,
18.5719

311.6198,
337.9499, 369.5846

 8.7246, 10.1314,
11.1877

369.0778,

 4.6176, 5.4862,

399.6010, 436.9029

6.0775

433.1973,
468.3280, 511.9362

■ 2.0571, 2.5352,
2.8227

■ 0.6658, 0.8942,
1.0048

■ 86.3014, 95.1094,
104.2519

■ 86.3014, 95.1094,
104.2519

■ 77.8499, 90.8417,
99.9453

94.7085, 99.3572,
108.6621

■ 70.5579, 87.1669,
95.7920

94.7336, 99.3672,
108.7945

■ 64.3735, 84.0609,
91.7908

■ 59.2378, 81.4933,
87.9382

■ 55.0863, 79.4309,
84.2303

■ 51.8471, 77.8367,
80.6631

■ 49.4387, 76.6685,
77.2318

■ 47.7644, 75.8767,
73.9313

■ 46.6908, 75.3925,
70.7544

Harmonies

Analogous

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



86.7254, 95.1094, 98.2915



86.3014, 95.1094, 104.2519



86.9607, 95.1094, 110.2550

Triad

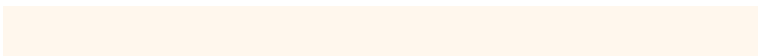
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.3014, 95.1094, 104.2519



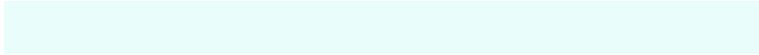
92.7078, 95.1094, 113.8550



92.2826, 95.1094, 93.2542

Complementary

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



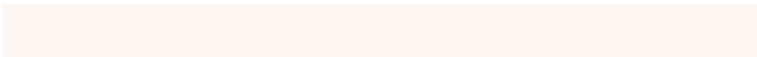
86.3014, 95.1094, 104.2519



85.3015, 85.4656, 92.1258

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.



93.9260, 95.1094, 97.1378



86.3014, 95.1094, 104.2519



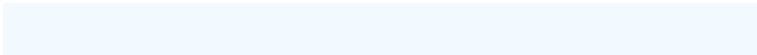
94.1742, 95.1094, 109.0093

Square

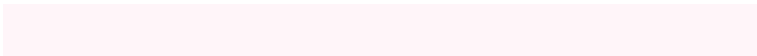
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.3014, 95.1094, 104.2519



90.6406, 95.1094, 115.9369



94.6235, 95.1094, 102.8671



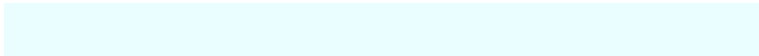
90.1571, 95.1094, 92.0931

Rectangle

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



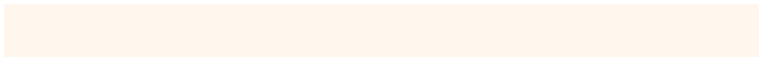
86.3014, 95.1094, 104.2519



87.9321, 95.1094, 113.4293



94.6235, 95.1094, 102.8671



92.9108, 95.1094, 94.2767

Sweetspot

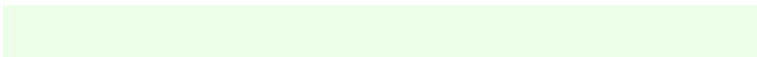
The Sweet Spot groups the original color and five complimentary colors.



86.3041, 95.1134, 104.2540



93.0424, 98.9831, 107.9911



85.1446, 94.8099, 90.9048



19.9359, 21.1971, 23.1241



0.0000, 0.0000, 0.0000



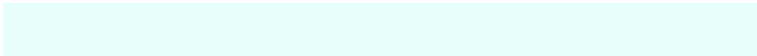
20.3446, 21.4041, 23.3091

Same Dimension

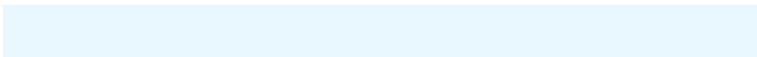
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.3041, 95.1134, 104.2540



85.5100, 95.1712, 104.4199



84.9718, 91.4333, 106.9406



18.3976, 20.4186, 22.3969



24.5844, 39.7304, 37.2923



2.4301, 3.8830, 3.8229

Inverse Universe

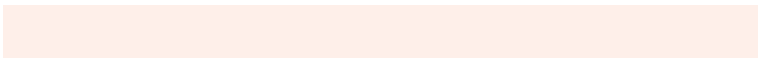
The Inverse Universe completely reimagines the original color for something new.



85.3015, 85.4656, 92.1258



84.3011, 83.5370, 89.7951



86.5387, 88.8658, 89.6839



18.1508, 18.0436, 19.4114



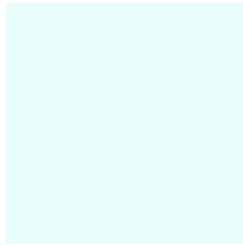
21.8743, 11.2390, 2.7223



2.1654, 1.1085, 0.4526

Previews

White Background



This preview shows how the XYZ color 86.3014, 95.1094, 104.2519 looks on a white background.

Color Contrast Check

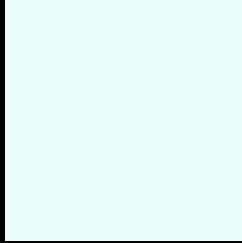
Large Text (above 18pt) WCAG AA × Fail

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 86.3014, 95.1094, 104.2519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

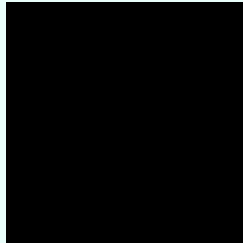
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

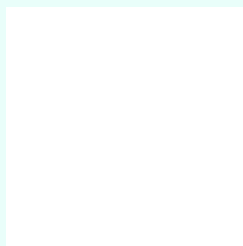
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.3014, 95.1094, 104.2519

Background



This preview shows how black text looks on a background with the XYZ color 86.3014, 95.1094, 104.2519.



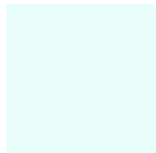
This preview shows how white text looks on a background with the XYZ color 86.3014, 95.1094,

104.2519.

Color Blindness Simulation

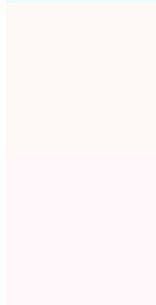
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

86.3014, 95.1094, 104.2519



Protanopia

91.2290, 94.9210, 101.5090

Deuteranopia

91.7561, 94.6837, 103.8822

Tritanopia

90.2416, 95.1840, 108.2239

Trichromacy



Original Color

86.3014, 95.1094, 104.2519

Protanomaly

89.1349, 94.7414, 102.3959

Deuteranomaly

89.7987, 95.0475, 104.0556

Tritanomaly

88.5024, 94.7870, 106.5596

Monochromacy



Original Color

86.3014, 95.1094, 104.2519

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

87.7468, 94.0258, 102.3310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.3014, 95.1094, 104.2519 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(233, 254, 250)` looks like.

```
.text, #text, p{  
    color:rgb(233, 254, 250)  
}
```

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(233, 254, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 254, 250) }
```

Border

The CSS property to change the border of an element to XYZ 86.3014, 95.1094, 104.2519 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(233, 254, 250) }
```


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

```
.border{ border-color:rgb(233, 254, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 254, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 254, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 254, 250);  
box-shadow:4px 4px 4px 4px rgb(233, 254,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 86.3014, 95.1094, 104.2519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 254, 250) }
```

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

```
.background{ background-color: rgb(233,  
254, 250) }
```

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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