

Converting Colors

XYZ(88.5731, 100.0000,
105.0898)

Have a look what the booklet for
XYZ(88.5731, 100.0000, 105.0898)
contains.

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Color

**XYZ(86.2940, 95.5779,
104.3427)**

Conversions

Conversions Part 1

Format	Color
Hex	E8FFFA
RGB	232, 255, 250
RGB Percent	91%, 100%, 98%
CMY	0.0902, 0.0000, 0.0196
CMYK	0.09, 0.00, 0.02, 0.00
HSL	167°, 100%, 95%
HSV	167°, 9%, 100%
XYZ	86.2940, 95.5779, 104.3427
YIQ	247.5530, -12.1030, -6.4310

Conversions

Conversions Part 2

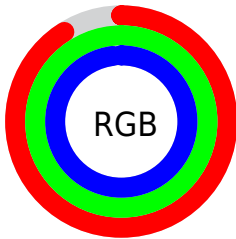
Format	Color
R _Y B	232, 245, 255
Decimal	15269882
CIE Lab	98.26, -8.36, -0.17
CIE LCh	98, 8.366, 181.186
Yxy	95.5779, 0.3015, 0.3339
Android (android.graphics.Color)	4293459962 (0xFFE8FFFA)
YUV	247.5530, 1.2064, -13.6400
Hunter-Lab	97.7640, -13.5291, 5.1550

Details

The XYZ color **86.2940, 95.5779, 104.3427** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.3832, 85.0887, 92.0444**, and the grayscale version is **88.8554, 93.4828, 101.8028**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.8362, 53.5133, 58.8468** is the 20% darker color. If you saturate the color by 10%, you get **77.7522, 91.2734, 99.4741**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

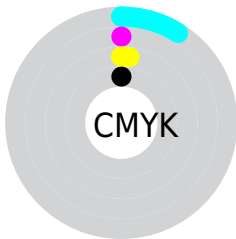
Distribution



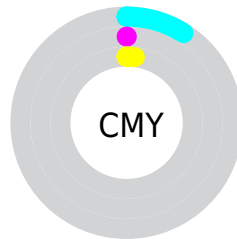
- Red (91%)
- Green (100%)
- Blue (98%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.2940, 95.5779, 104.3427 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 86.2940, 95.5779, 104.3427 by changing the saturation by 10% instead.

86.2940, 95.5779,
104.3427

86.2940, 95.5779,
104.3427

504.3196,
546.0134, 595.3930

65.2372, 72.6161,
79.2952

141.0844,
155.0628, 169.2161

47.9189, 53.6621,
58.6158

175.5487,
192.3545, 209.8791

33.9736, 38.3316,
41.8860

215.2129,
235.1918, 256.5843

23.0361, 26.2401,
28.6871

260.4423,
283.9589, 309.7503

14.7410, 17.0034,
18.6007

311.6024,
339.0402, 369.7956

8.7230, 10.2369,
11.2082

369.0583,

4.6166, 5.5563,

400.8201, 437.1389

6.0911

433.1756,
469.6830, 512.1985

■ 2.0565, 2.5772,
2.8309

■ 0.6654, 0.9152,
1.0089

■ 86.2940, 95.5779,
104.3427

■ 86.2940, 95.5779,
104.3427

■ 77.7522, 91.2734,
99.4741

95.0500, 100.0000,
108.9000

■ 70.3844, 87.5711,
94.7911

■ 64.1359, 84.4430,
90.2916

■ 58.9468, 81.8582,
85.9715

■ 54.7514, 79.7828,
81.8267

■ 51.4765, 78.1791,
77.8525

■ 49.0387, 77.0042,
74.0438

■ 47.3390, 76.2069,
70.3947

■ 46.2312, 75.7121,
66.8972

Harmonies

Analogous

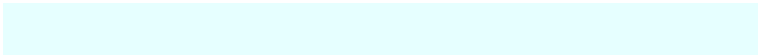
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.8481, 95.5779, 97.8083



86.2940, 95.5779, 104.3427



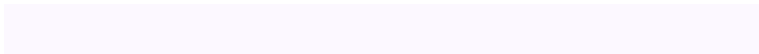
86.9411, 95.5779, 111.0850

Triad

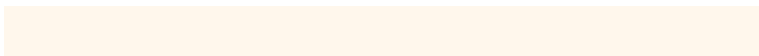
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.2940, 95.5779, 104.3427



93.2621, 95.5779, 115.8266



93.0933, 95.5779, 92.8790

Complementary

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



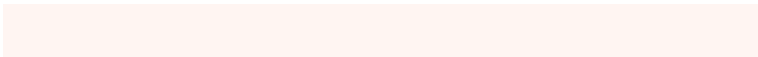
86.2940, 95.5779, 104.3427



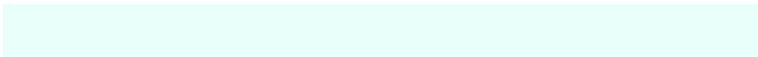
85.3832, 85.0887, 92.0444

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.



94.8619, 95.5779, 97.3531



86.2940, 95.5779, 104.3427



94.9605, 95.5779, 110.5894

Square

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



86.2940, 95.5779, 104.3427



90.9398, 95.5779, 117.8932



95.5510, 95.5779, 103.7940



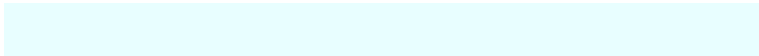
90.7482, 95.5779, 91.3684

Rectangle

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



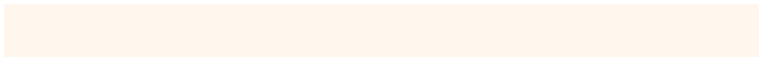
86.2940, 95.5779, 104.3427



87.9732, 95.5779, 114.7435



95.5510, 95.5779, 103.7940



93.7764, 95.5779, 94.0762

Sweetspot

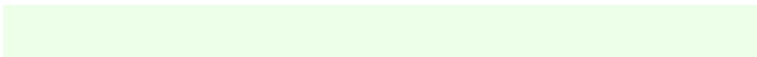
The Sweet Spot groups the original color and five complimentary colors.



86.2949, 95.5784, 104.3442



92.0248, 98.4712, 107.3672



85.3739, 95.4143, 90.2625



19.5281, 20.9915, 22.8939



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

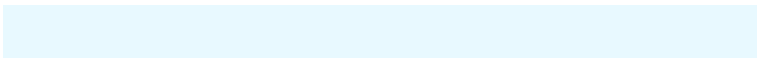
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.2949, 95.5784, 104.3442



84.5067, 94.6763, 103.3643



85.1640, 92.0454, 107.8857



18.3759, 20.4099, 22.2824



24.1651, 39.5626, 35.0843



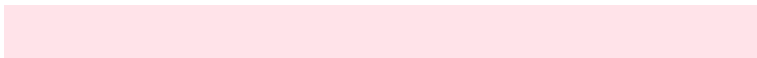
2.3928, 3.8680, 3.6263

Inverse Universe

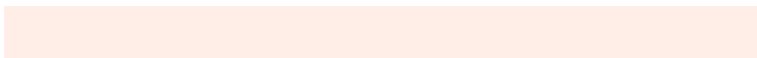
The Inverse Universe completely reimagines the original color for something new.



85.3832, 85.0887, 92.0444



83.4100, 82.0566, 88.5677



86.4195, 88.3139, 88.8368



18.1709, 18.0517, 19.5173



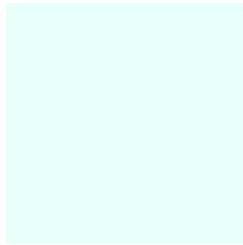
21.9590, 11.2729, 3.1683



2.1764, 1.1129, 0.5104

Previews

White Background



This preview shows how the XYZ color 86.2940, 95.5779, 104.3427 looks on a white background.

Color Contrast Check

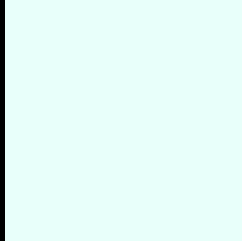
Large Text (above 18pt) WCAG AA × Fail

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 86.2940, 95.5779, 104.3427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

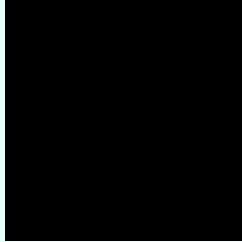
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

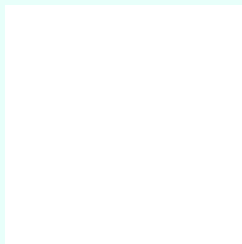
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.2940, 95.5779, 104.3427

Background



This preview shows how black text looks on a background with the XYZ color 86.2940, 95.5779, 104.3427.



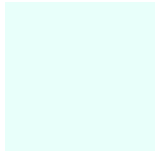
This preview shows how white text looks on a background with the XYZ color 86.2940, 95.5779,

104.3427.

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

86.2940, 95.5779, 104.3427



Protanopia

91.7502, 95.6652, 100.8182

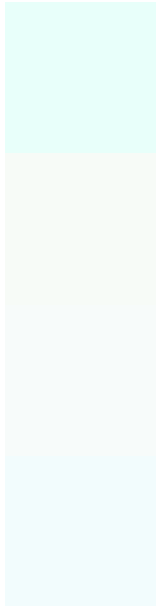
Deuteranopia

92.0627, 95.2969, 103.9844

Tritanopia

90.5934, 95.3654, 108.2403

Trichromacy



Original Color

86.2940, 95.5779, 104.3427

Protanomaly

89.6435, 95.4839, 101.7012

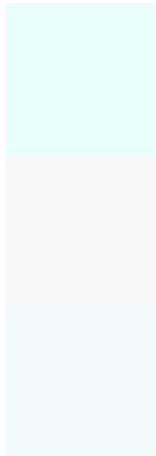
Deuteranomaly

90.1103, 95.6706, 104.1594

Tritanomaly

89.1580, 95.5899, 106.6801

Monochromacy



Original Color

86.2940, 95.5779, 104.3427

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

88.2140, 94.7112, 103.2542

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.2940, 95.5779, 104.3427 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(232, 255, 250)` looks like.

```
.text, #text, p{  
    color:rgb(232, 255, 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(232, 255, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 255, 250) }
```

Border

The CSS property to change the border of an element to XYZ 86.2940, 95.5779, 104.3427 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(232, 255, 250) }
```


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

```
.border{ border-color:rgb(232, 255, 250) }
```

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

Here you see how a box with a 4 pixel rgb(232, 255, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 255, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 255, 250);  
box-shadow:4px 4px 4px 4px rgb(232, 255,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 86.2940, 95.5779, 104.3427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 255, 250) }
```

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

```
.background{ background-color: rgb(232,  
255, 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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