

Converting Colors

XYZ(86.1153, 95.1452,
108.4338)

Have a look what the booklet for
XYZ(86.1153, 95.1452, 108.4338)
contains.

XYZ(86.1249, 94.9266, 108.3911)	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(86.1249, 94.9266,
108.3911)**

Conversions

Conversions Part 1

Format	Color
Hex	E6FEFF
RGB	230, 254, 255
RGB Percent	90%, 100%, 100%
CMY	0.0980, 0.0039, 0.0000
CMYK	0.10, 0.00, 0.00, 0.00
HSL	182°, 100%, 95%
HSV	182°, 10%, 100%
XYZ	86.1249, 94.9266, 108.3911
YIQ	246.9380, -14.6250, -4.7770

Conversions

Conversions Part 2

Format	Color
R_{YB}	230, 242, 255
Decimal	15138559
CIE _{Lab}	98.00, -7.56, -3.14
CIE _{LCh}	98, 8.185, 202.555
Yxy	94.9266, 0.2976, 0.3280
Android (android.graphics.Color)	4293328639 (0xFFE6FEFF)
YUV	246.9380, 3.9746, -14.8546
Hunter-Lab	97.4303, -12.7154, 2.2411

Details

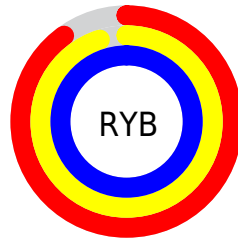
The XYZ color **86.1249, 94.9266, 108.3911** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.0981, 84.1231, 86.6694**, and the grayscale version is **88.3371, 92.9375, 101.2089**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.6149, 53.0084, 61.1482** is the 20% darker color. If you saturate the color by 10%, you get **78.2122, 90.3734, 107.9293**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

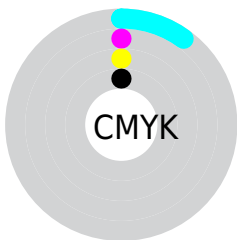
Distribution



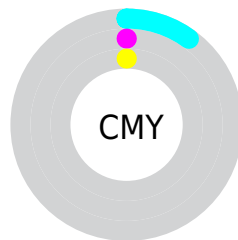
- Red (90%)
- Green (100%)
- Blue (100%)



- Red (90%)
- Yellow (95%)
- Blue (100%)



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.1249, 94.9266, 108.3911 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 86.1249, 94.9266, 108.3911 by changing the saturation by 10% instead.

86.1249, 94.9266,
108.3911

86.1249, 94.9266,
108.3911

503.7707,
543.9300, 608.2482

65.0969, 72.0739,
82.6707

140.8497,
154.1632, 174.7937

47.8046, 53.2190,
61.3795

175.2772,
191.3159, 216.3130

33.8828, 37.9777,
44.0990

214.9019,
234.0040, 263.9356

22.9660, 25.9653,
30.4105

260.0891,
282.6119, 318.0801

14.6890, 16.7977,
19.8957

311.2043,
337.5241, 379.1651

8.6863, 10.0904,
12.1359

368.6127,

4.5926, 5.4589,

399.1249, 447.6091

6.7127

432.6797,
467.7987, 523.8306

■ 2.0425, 2.5190,
3.2074

■ 0.6577, 0.8861,
1.2015

■ 86.1249, 94.9266,
108.3911

■ 86.1249, 94.9266,
108.3911

■ 78.2122, 90.3734,
107.9293

95.0500, 100.0000,
108.9000

■ 71.4440, 86.4101,
107.5211

■ 65.7672, 83.0120,
107.1644

■ 61.1218, 80.1482,
106.8564

■ 57.4417, 77.7844,
106.5941

■ 54.6532, 75.8829,
106.3741

■ 52.6723, 74.4001,
106.1923

■ 51.3984, 73.2844,
106.0441

■ 50.6711, 72.4529,
105.9219

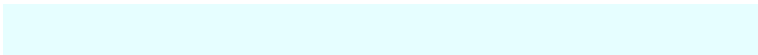
Harmonies

Analogous

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



85.8278, 94.9266, 101.6948



86.1249, 94.9266, 108.3911



87.5113, 94.9266, 113.9530

Triad

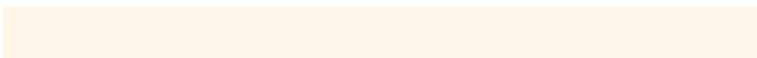
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.1249, 94.9266, 108.3911



93.8519, 94.9266, 111.4100



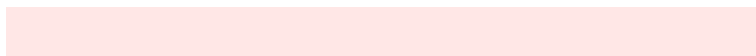
90.8104, 94.9266, 91.0770

Complementary

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



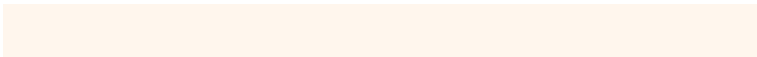
86.1249, 94.9266, 108.3911



84.0981, 84.1231, 86.6694

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.



92.9940, 94.9266, 93.4427



86.1249, 94.9266, 108.3911



94.7697, 94.9266, 105.0411

Square

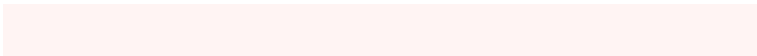
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



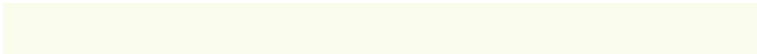
86.1249, 94.9266, 108.3911



91.9653, 94.9266, 115.7479



94.4530, 94.9266, 98.4850



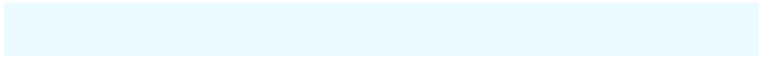
88.5066, 94.9266, 91.8871

Rectangle

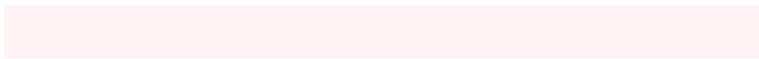
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.1249, 94.9266, 108.3911



88.8800, 94.9266, 116.1730



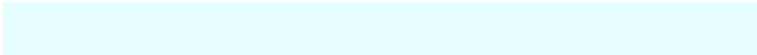
94.4530, 94.9266, 98.4850



91.5833, 94.9266, 91.5236

Sweetspot

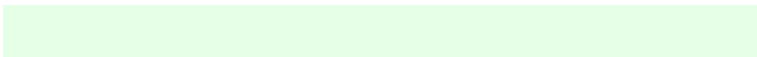
The Sweet Spot groups the original color and five complimentary colors.



86.1274, 94.9305, 108.3918



92.1943, 98.3838, 108.7386



82.7943, 94.1035, 89.2795



19.5740, 20.9678, 23.2655



0.0000, 0.0000, 0.0000



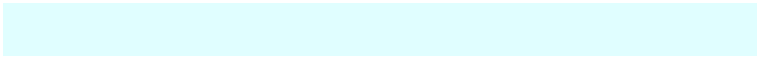
20.3446, 21.4041, 23.3091

Same Dimension

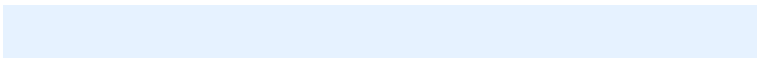
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.1274, 94.9305, 108.3918



84.2875, 93.8771, 108.2854



82.3371, 87.3500, 107.1283



18.4893, 20.3502, 23.2034



26.4977, 37.9050, 55.3544



2.5985, 3.7277, 5.3958

Inverse Universe

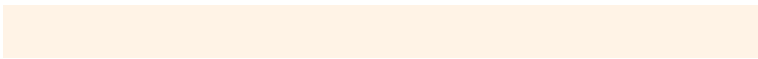
The Inverse Universe completely reimagines the original color for something new.



87.4277, 85.0109, 105.5714



85.8579, 81.9284, 104.8721



87.6739, 91.2747, 87.8613



18.7596, 18.2872, 22.6172



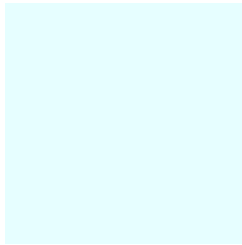
30.1630, 14.5545, 46.3703



2.9462, 1.4209, 4.5641

Previews

White Background



This preview shows how the XYZ color 86.1249, 94.9266, 108.3911 looks on a white background.

Color Contrast Check

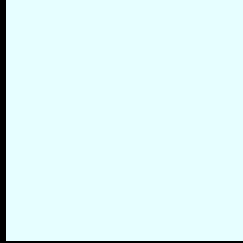
Large Text (above 18pt) WCAG AA × Fail

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 86.1249, 94.9266, 108.3911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

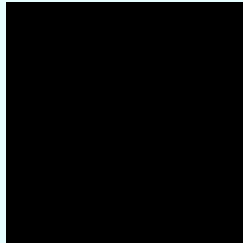
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

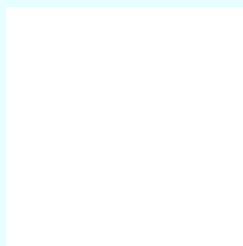
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.1249, 94.9266, 108.3911

Background



This preview shows how black text looks on a background with the XYZ color 86.1249, 94.9266, 108.3911.



This preview shows how white text looks on a background with the XYZ color 86.1249, 94.9266,

108.3911.

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

86.1249, 94.9266, 108.3911



Protanopia

91.1249, 94.7953, 104.7613

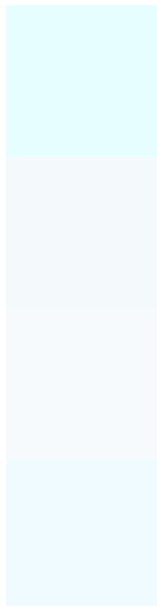
Deuteranopia

92.0715, 94.8098, 105.5429

Tritanopia

89.8918, 95.0037, 108.2075

Trichromacy



Original Color

86.1249, 94.9266, 108.3911

Protanomaly

89.0645, 94.6326, 105.6672

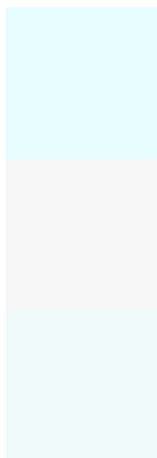
Deuteranomaly

89.9213, 95.0559, 106.5368

Tritanomaly

88.4824, 94.7396, 108.2308

Monochromacy



Original Color

86.1249, 94.9266, 108.3911

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

87.7166, 93.9741, 103.9581

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.1249, 94.9266, 108.3911 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(230, 254, 255)` looks like.

```
.text, #text, p{  
    color:rgb(230, 254, 255)  
}
```

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(230, 254, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 254, 255) }
```

Border

The CSS property to change the border of an element to XYZ 86.1249, 94.9266, 108.3911 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(230, 254, 255) }
```


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

```
.border{ border-color:rgb(230, 254, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 254, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 254, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 254, 255);  
box-shadow:4px 4px 4px 4px rgb(230, 254,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 86.1249, 94.9266, 108.3911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 254, 255) }
```

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

```
.background{ background-color: rgb(230,  
254, 255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor