

Converting Colors

XYZ(84.5960, 94.3716,
108.3646)

Have a look what the booklet for
XYZ(84.5960, 94.3716, 108.3646)
contains.

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Color

**XYZ(84.5431, 94.1112,
108.3171)**

Conversions

Conversions Part 1

Format	Color
Hex	E1FEFF
RGB	225, 254, 255
RGB Percent	88%, 100%, 100%
CMY	0.1176, 0.0039, 0.0000
CMYK	0.12, 0.00, 0.00, 0.00
HSL	182°, 100%, 94%
HSV	182°, 12%, 100%
XYZ	84.5431, 94.1112, 108.3171
YIQ	245.4430, -17.6050, -5.8370

Conversions

Conversions Part 2

Format	Color
R _Y B	225, 240, 255
Decimal	14810879
CIE Lab	97.68, -9.13, -3.66
CIE LCh	98, 9.834, 201.840
Yxy	94.1112, 0.2946, 0.3279
Android (android.graphics.Color)	4293000959 (0xFFE1FEFF)
YUV	245.4430, 4.7116, -17.9285
Hunter-Lab	97.0109, -14.2099, 1.7077

Details

The XYZ color **84.5431, 94.1112, 108.3171** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82.0263, 81.0871, 82.5637**, and the grayscale version is **87.1232, 91.6604, 99.8182**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.5215, 52.4447, 61.0970** is the 20% darker color. If you saturate the color by 10%, you get **76.9125, 89.7827, 107.8838**, and if you desaturate by 10%, it is **93.3669, 99.0618, 108.8076**.

Distribution



- Red (88%)
- Green (100%)
- Blue (100%)



- Red (88%)
- Yellow (94%)
- Blue (100%)



- Cyan (12%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (12%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.5431, 94.1112, 108.3171 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 84.5431, 94.1112, 108.3171 by changing the saturation by 10% instead.

84.5431, 94.1112,
108.3171

84.5431, 94.1112,
108.3171

498.6215,
541.3157, 608.0145

63.7851, 71.3954,
82.6089

138.6520,
153.0361, 174.6919

46.7377, 52.6650,
61.3288

172.7336,
190.0141, 216.1957

33.0354, 37.5354,
44.0583

211.9872,
232.5149, 263.8016

22.3130, 25.6223,
30.3788

256.7780,
280.9230, 317.9284

14.2049, 16.5413,
19.8718

307.4715,
335.6227, 378.9946

8.3460, 9.9080,
12.1188

364.4330,

4.3708, 5.3380,

396.9984, 447.4186

6.7011

428.0279,
465.4346, 523.6191

■ 1.9140, 2.4469,
3.2003

■ 0.5849, 0.8499,
1.1978

■ 84.5431, 94.1112,
108.3171

■ 84.5431, 94.1112,
108.3171

■ 76.9125, 89.7827,
107.8838

■ 93.3669, 99.0618,
108.8076

■ 70.4154, 86.0376,
107.5034

■ 95.0500, 100.0000,
108.9000

■ 64.9978, 82.8509,
107.1738

■ 60.5986, 80.1909,
106.8923

■ 57.1504, 78.0229,
106.6555

■ 54.5778, 76.3081,
106.4601

■ 52.7940, 75.0016,
106.3020

■ 51.6944, 74.0496,
106.1762

■ 51.1723, 73.4646,
106.0908

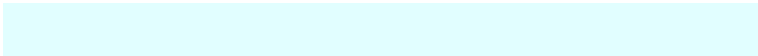
Harmonies

Analogous

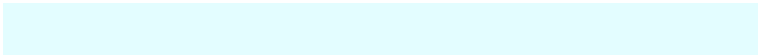
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.2237, 94.1112, 100.2972



84.5431, 94.1112, 108.3171



86.1632, 94.1112, 115.0842

Triad

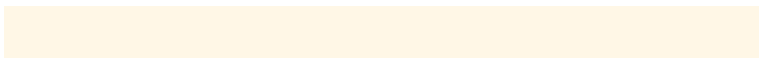
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.5431, 94.1112, 108.3171



93.7519, 94.1112, 112.3000



90.2165, 94.1112, 87.9483

Complementary

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



84.5431, 94.1112, 108.3171



82.0263, 81.0871, 82.5637

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.



92.8190, 94.1112, 90.8150



84.5431, 94.1112, 108.3171



94.8879, 94.1112, 104.6761

Square

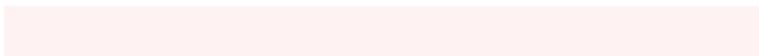
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



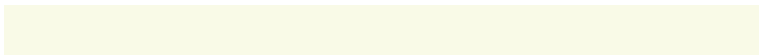
84.5431, 94.1112, 108.3171



91.4685, 94.1112, 117.4660



94.5429, 94.1112, 96.8393



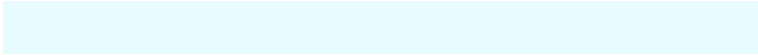
87.4612, 94.1112, 88.8099

Rectangle

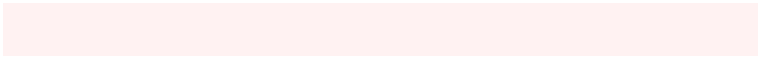
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



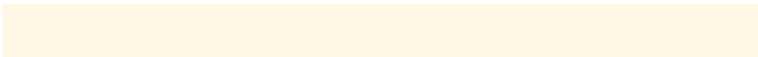
84.5431, 94.1112, 108.3171



87.7817, 94.1112, 117.8374



94.5429, 94.1112, 96.8393



91.1390, 94.1112, 88.5023

Sweetspot

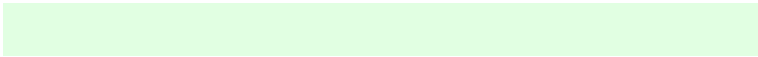
The Sweet Spot groups the original color and five complimentary colors.



84.5455, 94.1150, 108.3177



91.2887, 97.9010, 108.6931



80.4712, 92.9916, 85.3016



19.3928, 20.8728, 23.2567



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

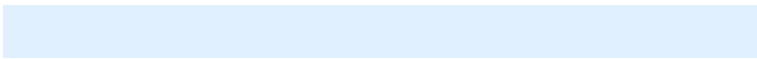
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.5455, 94.1150, 108.3177



82.7374, 93.0939, 108.2159



80.1154, 85.2547, 106.8410



18.5002, 20.3720, 23.2071



26.7617, 38.4329, 55.4424



2.6212, 3.7732, 5.4034

Inverse Universe

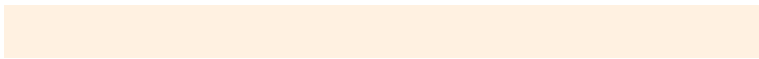
The Inverse Universe completely reimagines the original color for something new.



86.0560, 82.2676, 105.1142



84.5099, 79.2237, 104.4495



86.1387, 89.3119, 83.9345



18.7651, 18.2894, 22.6463



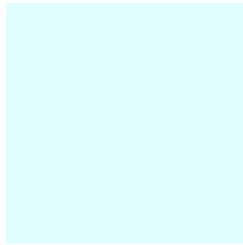
30.2962, 14.6078, 47.0719



2.9577, 1.4255, 4.6246

Previews

White Background



This preview shows how the XYZ color 84.5431, 94.1112, 108.3171 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 84.5431, 94.1112, 108.3171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

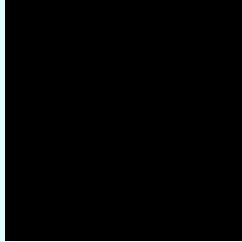
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.5431, 94.1112, 108.3171

Background



This preview shows how black text looks on a background with the XYZ color 84.5431, 94.1112, 108.3171.

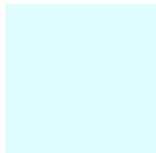


This preview shows how white text looks on a background with the XYZ color 84.5431, 94.1112,

Color Blindness Simulation

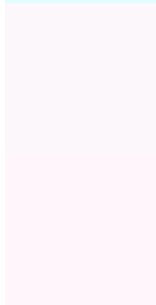
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

84.5431, 94.1112, 108.3171



Protanopia

90.4570, 93.9958, 104.6422

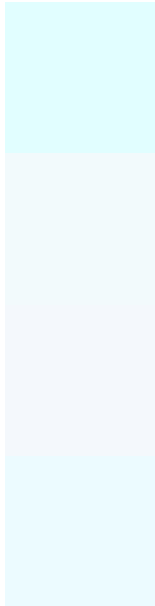
Deuteranopia

91.3050, 93.5299, 104.5076

Tritanopia

88.5436, 93.8486, 108.0556

Trichromacy



Original Color

84.5431, 94.1112, 108.3171

Protanomaly

88.3742, 94.2767, 105.6349

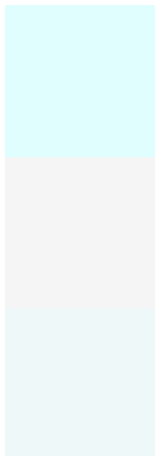
Deuteranomaly

88.4463, 93.3962, 105.4611

Tritanomaly

87.1393, 94.0472, 108.1679

Monochromacy



Original Color

84.5431, 94.1112, 108.3171

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

85.9262, 92.1515, 102.8808

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.5431, 94.1112, 108.3171 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(225, 254, 255)` looks like.

```
.text, #text, p{  
    color:rgb(225, 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(225, 254, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 254, 255) }
```

Border

The CSS property to change the border of an element to XYZ 84.5431, 94.1112, 108.3171 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(225, 254, 255) }
```


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

```
.border{ border-color:rgb(225, 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(225, 254, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 254, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 254, 255);  
box-shadow:4px 4px 4px 4px rgb(225, 254,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 84.5431, 94.1112, 108.3171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 254, 255) }
```

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

```
.background{ background-color: rgb(225,  
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](#).

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