

Converting Colors

XYZ(85.1640, 96.4582,
105.1204)

Have a look what the booklet for
XYZ(85.1640, 96.4582, 105.1204)
contains.

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Color

**XYZ(84.2239, 94.4926,
105.0666)**

Conversions

Conversions Part 1

Format	Color
Hex	E1FFFB
RGB	225, 255, 251
RGB Percent	88%, 100%, 98%
CMY	0.1176, 0.0000, 0.0157
CMYK	0.12, 0.00, 0.02, 0.00
HSL	172°, 100%, 94%
HSV	172°, 12%, 100%
XYZ	84.2239, 94.4926, 105.0666
YIQ	245.5740, -16.5960, -7.6040

Conversions

Conversions Part 2

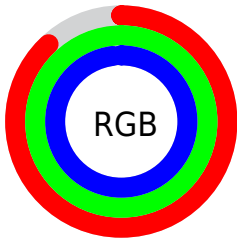
Format	Color
R_{YB}	225, 241, 255
Decimal	14811131
CIE Lab	97.83, -10.40, -1.38
CIE LCh	98, 10.486, 187.543
Yxy	94.4926, 0.2968, 0.3330
Android (android.graphics.Color)	4293001211 (0xFFE1FFFB)
YUV	245.5740, 2.6750, -18.0434
Hunter-Lab	97.2073, -15.4540, 3.9615

Details

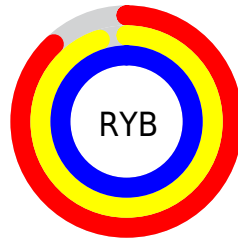
The XYZ color **84.2239, 94.4926, 105.0666** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82.3086, 80.7687, 85.3807**, and the grayscale version is **87.2417, 91.7850, 99.9539**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.4066, 52.7633, 59.3682** is the 20% darker color. If you saturate the color by 10%, you get **76.3284, 90.4836, 101.9265**, and if you desaturate by 10%, it is **93.3181, 99.1183, 108.3159**.

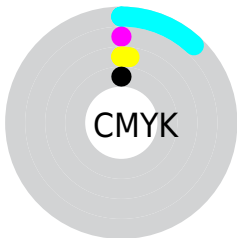
Distribution



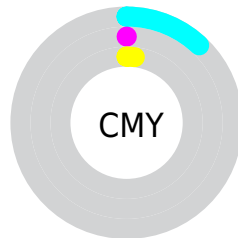
- Red (88%)
- Green (100%)
- Blue (98%)



- Red (88%)
- Yellow (95%)
- Blue (100%)



- Cyan (12%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)




- Cyan (12%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.2239, 94.4926, 105.0666 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 84.2239, 94.4926, 105.0666 by changing the saturation by 10% instead.

 84.2239, 94.4926,
105.0666

 84.2239, 94.4926,
105.0666


497.5789,
542.5393, 597.7022

 63.5206, 71.7127,
79.8982


138.2080,
153.5634, 170.2150

 46.5228, 52.9241,
59.1089


172.2195,
190.6232, 211.0320

 32.8649, 37.7421,
42.2802


211.3978,
233.2117, 257.9023

 22.1817, 25.7826,
28.9935

256.1083,
281.7133, 311.2445

 14.1078, 16.6611,
18.8304

306.7163,
336.5125, 371.4770

 8.2779, 9.9932,
11.3722

363.5872,

 4.3266, 5.3944,

397.9937, 439.0185

6.2005

427.0862,
466.5411, 514.2874

■ 1.8885, 2.4805,
2.8966

■ 0.5701, 0.8668,
1.0421

■ 84.2239, 94.4926,
105.0666

■ 84.2239, 94.4926,
105.0666

■ 76.3284, 90.4836,
101.9265

■ 93.3181, 99.1183,
108.3159

■ 69.5762, 87.0630,
98.8885

95.0500, 100.0000,
108.9000

■ 63.9119, 84.2021,
95.9511

■ 59.2743, 81.8693,
93.1111

■ 55.5959, 80.0300,
90.3652

■ 52.8013, 78.6453,
87.7096

■ 50.8037, 77.6703,
85.1399

■ 49.4984, 77.0511,
82.6509

■ 48.8129, 76.7411,
80.6554

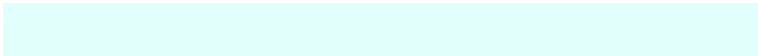
Harmonies

Analogous

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



84.5951, 94.4926, 96.7146



84.2239, 94.4926, 105.0666



85.3235, 94.4926, 113.2665

Triad

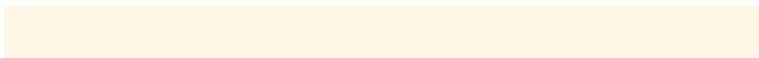
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.2239, 94.4926, 105.0666



93.3672, 94.4926, 116.5242



92.0300, 94.4926, 88.3855

Complementary

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



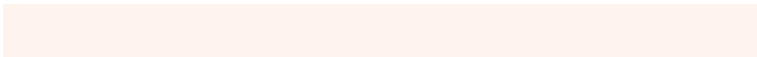
84.2239, 94.4926, 105.0666



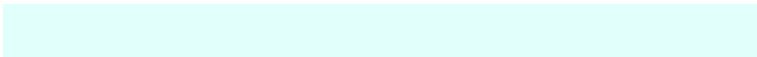
82.3086, 80.7687, 85.3807

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.



94.4560, 94.4926, 93.1606



84.2239, 94.4926, 105.0666



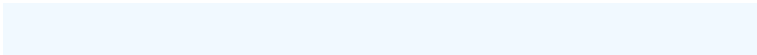
95.2399, 94.4926, 109.3153

Square

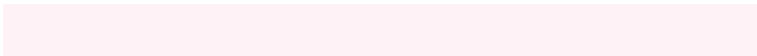
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.2239, 94.4926, 105.0666



90.5705, 94.4926, 120.1166



95.6428, 94.4926, 100.7365



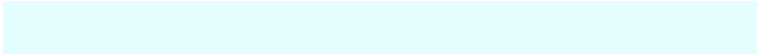
89.0585, 94.4926, 87.3881

Rectangle

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



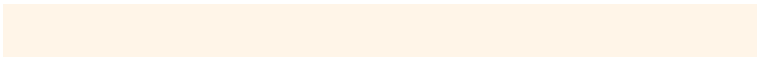
84.2239, 94.4926, 105.0666



86.7574, 94.4926, 117.4388



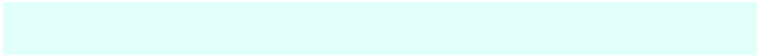
95.6428, 94.4926, 100.7365



92.9383, 94.4926, 89.5887

Sweetspot

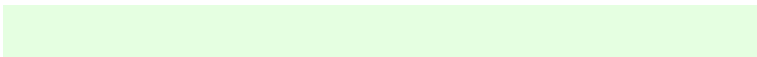
The Sweet Spot groups the original color and five complimentary colors.



84.2248, 94.4930, 105.0681



91.1783, 98.0293, 107.5803



81.6645, 93.6147, 85.0009



19.3648, 20.9054, 22.9739



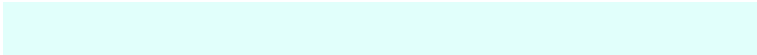
0.0000, 0.0000, 0.0000



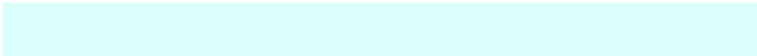
20.3446, 21.4041, 23.3091

Same Dimension

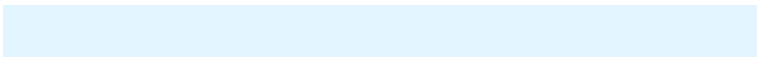
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.2248, 94.4930, 105.0681



82.3570, 93.5440, 104.3565



81.4529, 87.9297, 107.2868



18.4445, 20.4373, 22.6440



25.5463, 40.1151, 42.3575



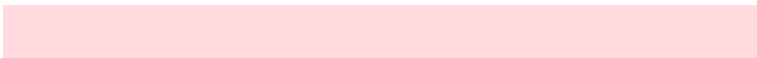
2.5150, 3.9169, 4.2698

Inverse Universe

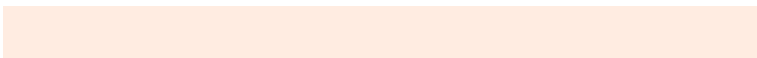
The Inverse Universe completely reimagines the original color for something new.



82.3086, 80.7687, 85.3807



80.1123, 77.4647, 81.2922



84.8267, 86.6880, 83.4972



18.1079, 18.0265, 19.1854



21.7296, 11.1811, 1.9606



2.1447, 1.1002, 0.3433

Previews

White Background



This preview shows how the XYZ color 84.2239, 94.4926, 105.0666 looks on a white background.

Color Contrast Check

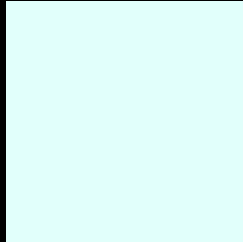
Large Text (above 18pt) WCAG AA × Fail

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 84.2239, 94.4926, 105.0666 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 84.2239, 94.4926, 105.0666

Background



This preview shows how black text looks on a background with the XYZ color 84.2239, 94.4926, 105.0666.



This preview shows how white text looks on a background with the XYZ color 84.2239, 94.4926,

105.0666.

Color Blindness Simulation

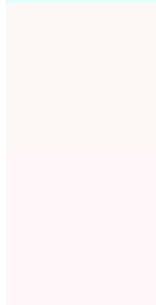
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

84.2239, 94.4926, 105.0666



Protanopia

90.4033, 94.0580, 100.5790

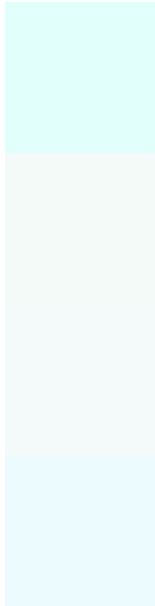
Deuteranopia

91.4511, 94.0737, 103.7805

Tritanopia

88.8878, 94.0260, 108.0717

Trichromacy



Original Color

84.2239, 94.4926, 105.0666

Protanomaly

88.0910, 94.2032, 102.3471

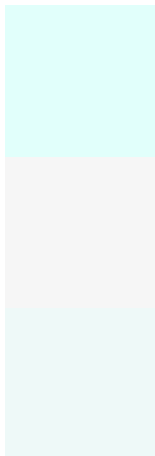
Deuteranomaly

88.4392, 93.8866, 103.9032

Tritanomaly

86.9786, 93.9830, 107.3222

Monochromacy



Original Color

84.2239, 94.4926, 105.0666

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

86.0789, 92.7058, 102.1641

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.2239, 94.4926, 105.0666 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, 255, 251)` looks like.

```
.text, #text, p{  
    color:rgb(225, 255, 251)  
}
```

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, 255, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 255, 251) }
```

Border

The CSS property to change the border of an element to XYZ 84.2239, 94.4926, 105.0666 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, 255, 251) }
```


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

```
.border{ border-color:rgb(225, 255, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 255, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 255, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 255, 251);  
box-shadow:4px 4px 4px 4px rgb(225, 255,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 84.2239, 94.4926, 105.0666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 255, 251) }
```

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

```
.background{ background-color: rgb(225,  
255, 251) }
```

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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