

Converting Colors

XYZ(84.5399, 94.6390,
105.1576)

Have a look what the booklet for
XYZ(84.5399, 94.6390, 105.1576)
contains.

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Color

**XYZ(84.5366, 94.6538,
105.0812)**

Conversions

Conversions Part 1

Format	Color
Hex	E2FFFB
RGB	226, 255, 251
RGB Percent	89%, 100%, 98%
CMY	0.1137, 0.0000, 0.0157
CMYK	0.11, 0.00, 0.02, 0.00
HSL	172°, 100%, 94%
HSV	172°, 11%, 100%
XYZ	84.5366, 94.6538, 105.0812
YIQ	245.8730, -16.0000, -7.3920

Conversions

Conversions Part 2

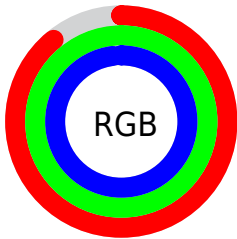
Format	Color
R _Y B	226, 242, 255
Decimal	14876667
CIE Lab	97.89, -10.08, -1.27
CIE LCh	98, 10.161, 187.204
Yxy	94.6538, 0.2974, 0.3330
Android (android.graphics.Color)	4293066747 (0xFFE2FFFB)
YUV	245.8730, 2.5276, -17.4286
Hunter-Lab	97.2902, -15.1570, 4.0652

Details

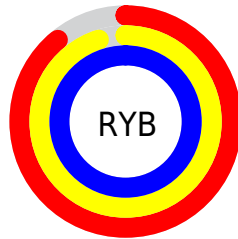
The XYZ color **84.5366, 94.6538, 105.0812** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82.7199, 81.3670, 86.2087**, and the grayscale version is **87.4839, 92.0398, 100.2314**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.6220, 52.8743, 59.3783** is the 20% darker color. If you saturate the color by 10%, you get **76.5773, 90.6140, 101.8434**, and if you desaturate by 10%, it is **93.6972, 99.3116, 108.4319**.

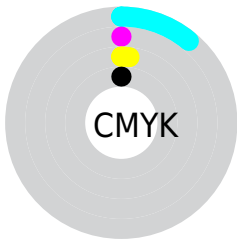
Distribution



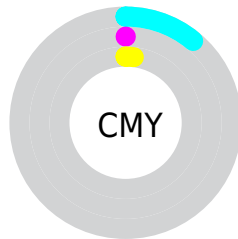
- Red (89%)
- Green (100%)
- Blue (98%)



- Red (89%)
- Yellow (95%)
- Blue (100%)



- Cyan (11%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (11%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.5366, 94.6538, 105.0812 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 84.5366, 94.6538, 105.0812 by changing the saturation by 10% instead.

84.5366, 94.6538,
105.0812

84.5366, 94.6538,
105.0812

498.6002,
543.0561, 597.7488

63.7798, 71.8469,
79.9103

138.6429,
153.7862, 170.2351

46.7333, 53.0336,
59.1188

172.7231,
190.8805, 211.0553

33.0320, 37.8296,
42.2882

211.9752,
233.5060, 257.9289

22.3103, 25.8505,
28.9997

256.7644,
282.0472, 311.2746

14.2029, 16.7118,
18.8350

307.4561,
336.8884, 371.5109

8.3446, 10.0292,
11.3755

364.4158,

4.3699, 5.4183,

398.4140, 439.0563

6.2027

428.0087,
467.0084, 514.3295

■ 1.9134, 2.4947,
2.8979

■ 0.5846, 0.8740,
1.0428

■ 84.5366, 94.6538,
105.0812

■ 84.5366, 94.6538,
105.0812

■ 76.5773, 90.6140,
101.8434

■ 93.6972, 99.3116,
108.4319

■ 69.7642, 87.1640,
98.7113

■ 95.0500, 100.0000,
108.9000

■ 64.0419, 84.2752,
95.6834

■ 59.3495, 81.9160,
92.7565

■ 55.6197, 80.0520,
89.9273

■ 52.7775, 78.6444,
87.1919

■ 50.7366, 77.6488,
84.5460

■ 49.3932, 77.0115,
81.9845

■ 48.6571, 76.6789,
79.8354

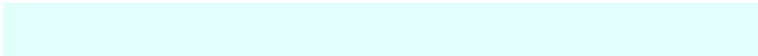
Harmonies

Analogous

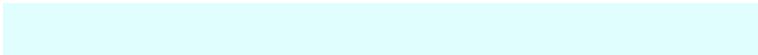
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.9134, 94.6538, 96.9868



84.5366, 94.6538, 105.0812



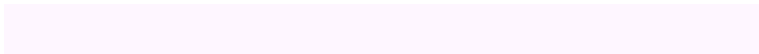
85.5893, 94.6538, 113.0411

Triad

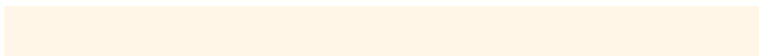
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.5366, 94.6538, 105.0812



93.3857, 94.6538, 116.3366



92.1473, 94.6538, 89.0056

Complementary

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



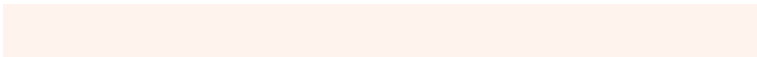
84.5366, 94.6538, 105.0812



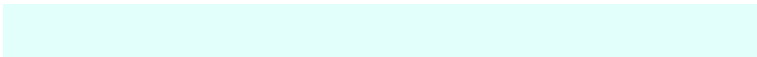
82.7199, 81.3670, 86.2087

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.



94.4886, 94.6538, 93.6880



84.5366, 94.6538, 105.0812



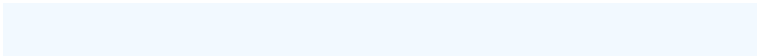
95.2143, 94.6538, 109.3855

Square

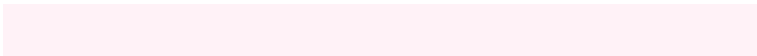
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.5366, 94.6538, 105.0812



90.6679, 94.6538, 119.7625



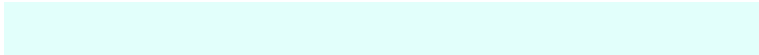
95.6222, 94.6538, 101.0686



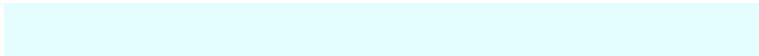
89.2669, 94.6538, 87.9908

Rectangle

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



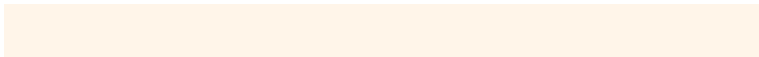
84.5366, 94.6538, 105.0812



86.9737, 94.6538, 117.1035



95.6222, 94.6538, 101.0686



93.0253, 94.6538, 90.1902

Sweetspot

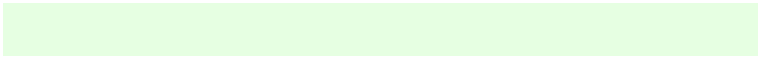
The Sweet Spot groups the original color and five complimentary colors.



84.5375, 94.6542, 105.0827



92.1219, 98.5101, 107.8789



82.2339, 93.8923, 85.7418



19.5544, 21.0021, 23.0325



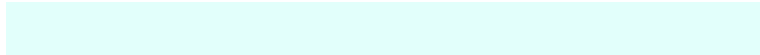
0.0000, 0.0000, 0.0000



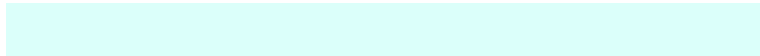
20.3446, 21.4041, 23.3091

Same Dimension

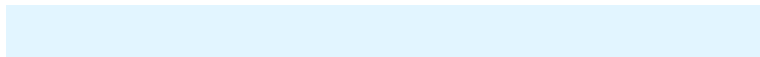
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.5375, 94.6542, 105.0827



82.3313, 93.5336, 104.2208



82.0219, 88.6036, 107.3869



18.4408, 20.4358, 22.6241



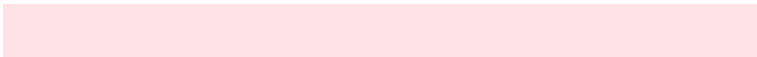
25.4660, 40.0830, 41.9348



2.5080, 3.9141, 4.2327

Inverse Universe

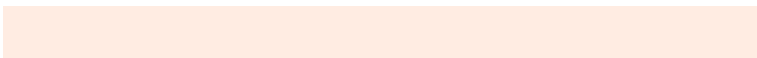
The Inverse Universe completely reimagines the original color for something new.



82.7199, 81.3670, 86.2087



80.1346, 77.4736, 81.4096



85.0068, 86.8292, 84.2323



18.1113, 18.0279, 19.2035



21.7394, 11.1851, 2.0122



2.1463, 1.1009, 0.3518

Previews

White Background



This preview shows how the XYZ color 84.5366, 94.6538, 105.0812 looks on a white background.

Color Contrast Check

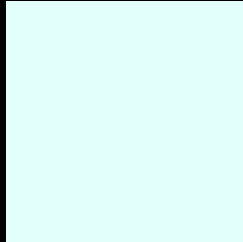
Large Text (above 18pt) WCAG AA × Fail

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 84.5366, 94.6538, 105.0812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

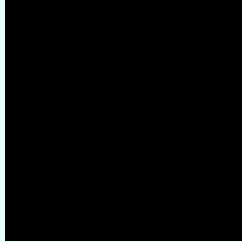
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

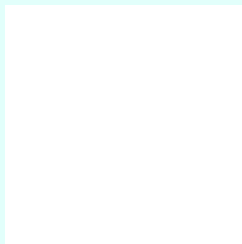
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.5366, 94.6538, 105.0812

Background



This preview shows how black text looks on a background with the XYZ color 84.5366, 94.6538, 105.0812.



This preview shows how white text looks on a background with the XYZ color 84.5366, 94.6538,

Color Blindness Simulation

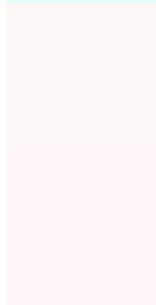
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

84.5366, 94.6538, 105.0812



Protanopia

90.5573, 94.1196, 101.3897

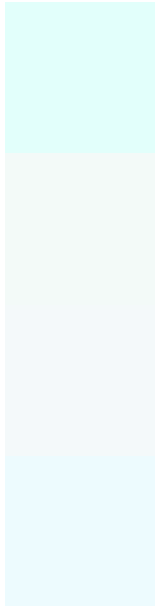
Deuteranopia

91.4511, 94.0737, 103.7805

Tritanopia

89.2339, 94.2045, 108.0879

Trichromacy



Original Color

84.5366, 94.6538, 105.0812

Protanomaly

88.0910, 94.2032, 102.3471

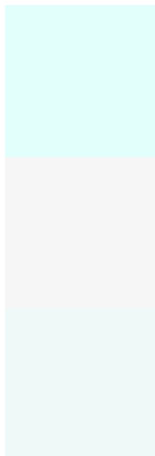
Deuteranomaly

88.4392, 93.8866, 103.9032

Tritanomaly

87.3116, 94.1546, 107.3378

Monochromacy



Original Color

84.5366, 94.6538, 105.0812

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

86.4156, 92.8794, 102.1799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.5366, 94.6538, 105.0812 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(226, 255, 251)` looks like.

```
.text, #text, p{  
    color:rgb(226, 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(226, 255, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 255, 251) }
```

Border

The CSS property to change the border of an element to XYZ 84.5366, 94.6538, 105.0812 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(226, 255, 251) }
```


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

```
.border{ border-color:rgb(226, 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(226, 255, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 255, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 255, 251);  
box-shadow:4px 4px 4px 4px rgb(226, 255,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 84.5366, 94.6538, 105.0812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 255, 251) }
```

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

```
.background{ background-color: rgb(226,  
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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