

Converting Colors

XYZ(84.1934, 92.4250,
107.1826)

Have a look what the booklet for
XYZ(84.1934, 92.4250, 107.1826)
contains.

XYZ(84.3815, 92.6441, 107.2007)	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(84.3815, 92.6441,
107.2007)**

Conversions

Conversions Part 1

Format	Color
Hex	E4FBFE
RGB	228, 251, 254
RGB Percent	89%, 98%, 100%
CMY	0.1059, 0.0157, 0.0039
CMYK	0.10, 0.01, 0.00, 0.00
HSL	187°, 93%, 95%
HSV	187°, 10%, 100%
XYZ	84.3815, 92.6441, 107.2007
YIQ	244.4650, -14.6710, -3.9430

Conversions

Conversions Part 2

Format	Color
R _Y B	228, 240, 254
Decimal	15006718
CIE Lab	97.08, -6.88, -3.99
CIE LCh	97, 7.951, 210.152
Yxy	92.6441, 0.2969, 0.3260
Android (android.graphics.Color)	4293196798 (0xFFE4FBFE)
YUV	244.4650, 4.7008, -14.4398
Hunter-Lab	96.2518, -11.9543, 1.3419

Details

The XYZ color **84.3815, 92.6441, 107.2007** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.4531, 83.8237, 85.1815**, and the grayscale version is **86.3356, 90.8318, 98.9158**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.3831, 51.3854, 60.2971** is the 20% darker color. If you saturate the color by 10%, you get **76.0015, 86.9795, 106.5504**, and if you desaturate by 10%, it is **93.9648, 98.9550, 107.9152**.

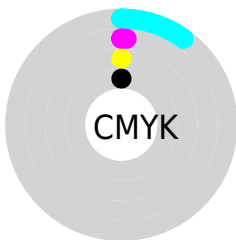
Distribution



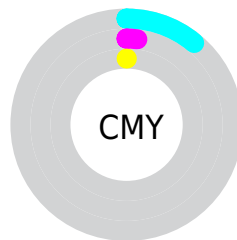
- Red (89%)
- Green (98%)
- Blue (100%)



- Red (89%)
- Yellow (94%)
- Blue (100%)



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.3815, 92.6441, 107.2007 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 84.3815, 92.6441, 107.2007 by changing the saturation by 10% instead.


 84.3815, 92.6441,
107.2007

 84.3815, 92.6441,
107.2007


498.0938,
536.5950, 604.4830

 63.6512, 70.1757,
81.6773


138.4272,
151.0058, 173.1558

 46.6289, 51.6698,
60.5653


172.4734,
187.6679, 214.4246

 32.9491, 36.7420,
43.4462


211.6888,
229.8300, 261.7790

 22.2465, 25.0078,
29.9014

256.4390,
277.8766, 315.6374

 14.1557, 16.0828,
19.5123

307.0893,
332.1920, 376.4185

 8.3115, 9.5828,
11.8605

364.0049,

 4.3484, 5.1232,

393.1606, 444.5408

6.5274

427.5513,
461.1668, 520.4228

■ 1.9011, 2.3197,
3.0944

■ 0.5774, 0.7841,
1.1430

■ 84.3815, 92.6441,
107.2007

■ 84.3815, 92.6441,
107.2007

■ 76.0015, 86.9795,
106.5504

■ 93.9648, 98.9550,
107.9152

■ 68.7653, 81.9229,
105.9558

■ 94.8897, 99.9359,
108.0558

■ 62.6202, 77.4497,
105.4163

■ 57.5066, 73.5288,
104.9290

■ 53.3585, 70.1264,
104.4909

■ 50.1028, 67.2045,
104.0985

■ 47.6553, 64.7197,
103.7479

■ 45.9157, 62.6201,
103.4343

■ 44.7418, 60.8601,
103.1565

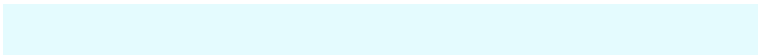
Harmonies

Analogous

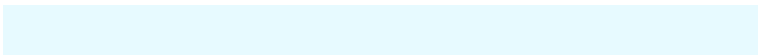
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.8160, 92.6441, 100.9065



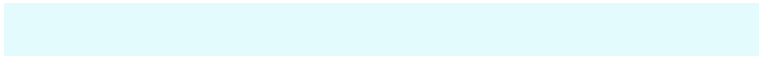
84.3815, 92.6441, 107.2007



85.9281, 92.6441, 111.9613

Triad

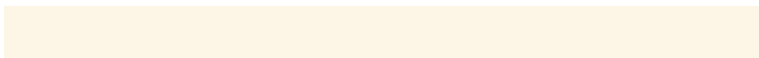
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.3815, 92.6441, 107.2007



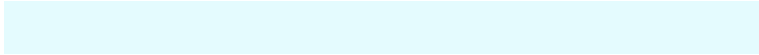
91.8463, 92.6441, 107.1416



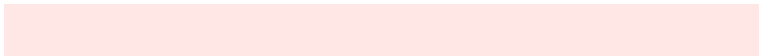
88.0440, 92.6441, 89.0286

Complementary

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



84.3815, 92.6441, 107.2007



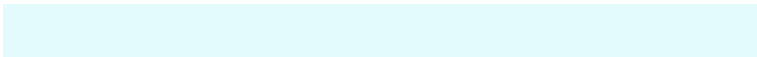
83.4531, 83.8237, 85.1815

Split Complementary

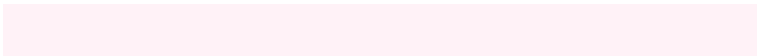
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.2176, 92.6441, 90.5434



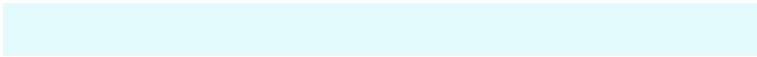
84.3815, 92.6441, 107.2007



92.4354, 92.6441, 100.8409

Square

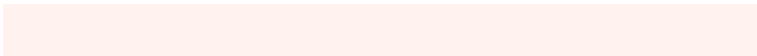
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.3815, 92.6441, 107.2007



90.2378, 92.6441, 111.9261



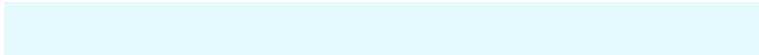
91.8345, 92.6441, 94.8006



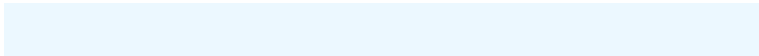
85.9086, 92.6441, 90.5739

Rectangle

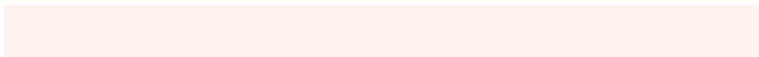
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



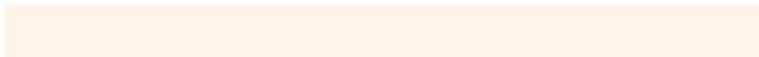
84.3815, 92.6441, 107.2007



87.3205, 92.6441, 113.5286



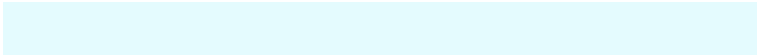
91.8345, 92.6441, 94.8006



88.7945, 92.6441, 89.1960

Sweetspot

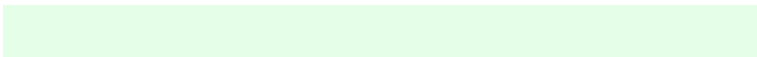
The Sweet Spot groups the original color and five complimentary colors.



84.3842, 92.6480, 107.2028



92.0107, 98.0166, 108.6774



81.8056, 93.1262, 88.9706



19.5243, 20.8683, 23.2489



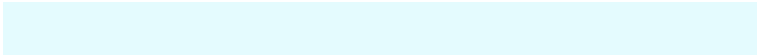
0.0000, 0.0000, 0.0000



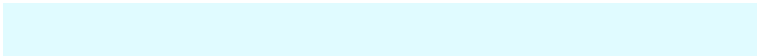
20.3446, 21.4041, 23.3091

Same Dimension

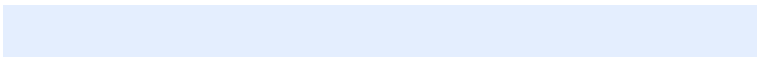
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.3842, 92.6480, 107.2028



83.5599, 92.4219, 108.0429



80.5770, 85.0337, 105.9337



18.3656, 20.1028, 23.1622



23.6585, 32.2265, 54.4080



2.3521, 3.2349, 5.3137

Inverse Universe

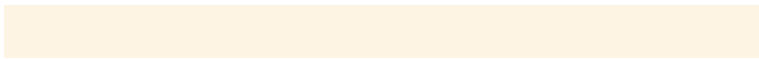
The Inverse Universe completely reimagines the original color for something new.



86.0312, 83.5246, 102.8588



85.4906, 81.7815, 102.9382



87.1086, 91.1348, 86.4000



18.6972, 18.2622, 22.2885



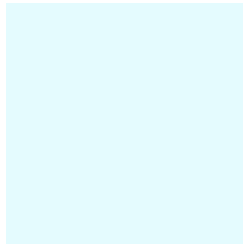
28.7299, 13.9813, 38.8237



2.8218, 1.3711, 3.9092

Previews

White Background



This preview shows how the XYZ color 84.3815, 92.6441, 107.2007 looks on a white background.

Color Contrast Check

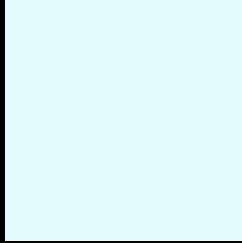
Large Text (above 18pt) WCAG AA × Fail

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 84.3815, 92.6441, 107.2007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

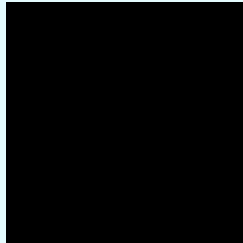
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.3815, 92.6441, 107.2007

Background



This preview shows how black text looks on a background with the XYZ color 84.3815, 92.6441, 107.2007.

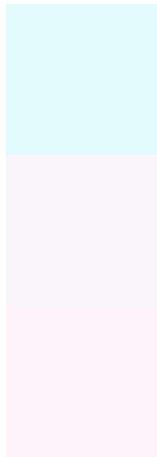


This preview shows how white text looks on a background with the XYZ color 84.3815, 92.6441,

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

84.3815, 92.6441, 107.2007

Protanopia

88.9746, 92.3467, 103.5777

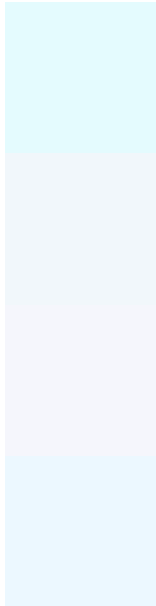
Deuteranopia

90.7032, 92.3262, 104.3070

Tritanopia

87.5864, 92.4423, 107.8346

Trichromacy



Original Color

84.3815, 92.6441, 107.2007

Protanomaly

86.9490, 92.1873, 104.4780

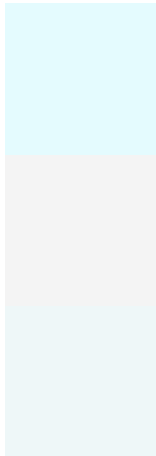
Deuteranomaly

88.1826, 92.3523, 105.2735

Tritanomaly

86.2095, 92.1877, 107.8580

Monochromacy



Original Color

84.3815, 92.6441, 107.2007

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

85.4639, 91.4760, 101.9591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.3815, 92.6441, 107.2007 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(228, 251, 254)` looks like.

```
.text, #text, p{  
    color:rgb(228, 251, 254)  
}
```

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(228, 251, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 251, 254) }
```

Border

The CSS property to change the border of an element to XYZ 84.3815, 92.6441, 107.2007 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(228, 251, 254) }
```


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

```
.border{ border-color:rgb(228, 251, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 251, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 251, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 251, 254);  
box-shadow:4px 4px 4px 4px rgb(228, 251,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 84.3815, 92.6441, 107.2007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 251, 254) }
```

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

```
.background{ background-color: rgb(228,  
251, 254) }
```

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