

Converting Colors

XYZ(85.3867, 94.4526,
101.6844)

Have a look what the booklet for
XYZ(85.3867, 94.4526, 101.6844)
contains.

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Color

**XYZ(85.1925, 94.1218,
101.6729)**

Conversions

Conversions Part 1

Format	Color
Hex	E8FDF7
RGB	232, 253, 247
RGB Percent	91%, 99%, 97%
CMY	0.0902, 0.0078, 0.0314
CMYK	0.08, 0.00, 0.02, 0.01
HSL	163°, 84%, 95%
HSV	163°, 8%, 99%
XYZ	85.1925, 94.1218, 101.6729
YIQ	246.0370, -10.5900, -6.3180

Conversions

Conversions Part 2

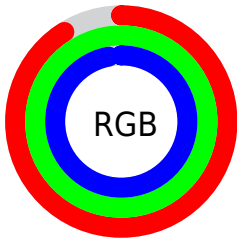
Format	Color
R_{YB}	232, 244, 253
Decimal	15269367
CIE _{Lab}	97.68, -7.92, 0.52
CIE _{LCh}	98, 7.936, 176.260
Yxy	94.1218, 0.3032, 0.3350
Android (android.graphics.Color)	4293459447 (0xFFE8FDF7)
YUV	246.0370, 0.4748, -12.3104
Hunter-Lab	97.0164, -13.0334, 5.7757

Details

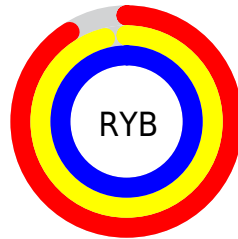
The XYZ color **85.1925, 94.1218, 101.6729** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.8007, 84.7714, 92.7864**, and the grayscale version is **87.6320, 92.1957, 100.4011**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.0484, 52.4715, 56.9385** is the 20% darker color. If you saturate the color by 10%, you get **76.4698, 89.7542, 95.5527**, and if you desaturate by 10%, it is **94.2940, 98.6849, 108.0407**.

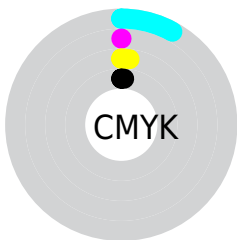
Distribution



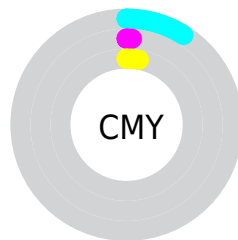
- Red (91%)
- Green (99%)
- Blue (97%)



- Red (91%)
- Yellow (96%)
- Blue (99%)



- Cyan (8%)
- Magenta (0%)
- Yellow (2%)
- Black (1%)





- Cyan (9%)
- Magenta (1%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.1925, 94.1218, 101.6729 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 85.1925, 94.1218, 101.6729 by changing the saturation by 10% instead.


 85.1925, 94.1218,
101.6729

 85.1925, 94.1218,
101.6729


500.7389,
541.3497, 586.8354

 64.3235, 71.4043,
77.0737


139.5547,
153.0508, 165.5261

 47.1754, 52.6722,
56.8015


173.7787,
190.0310, 205.6172

 33.3828, 37.5411,
40.4376


213.1849,
232.5343, 251.7094

 22.5805, 25.6267,
27.5635

258.1389,
280.9449, 304.2213

 14.4031, 16.5446,
17.7607

309.0059,
335.6474, 363.5712

 8.4851, 9.9103,
10.6107

366.1514,

 4.4613, 5.3396,

397.0261, 430.1778

5.6948

429.9406,
465.4654, 504.4597

■ 1.9663, 2.4478,
2.5946

■ 0.6149, 0.8503,
0.8897

■ 85.1925, 94.1218,
101.6729

■ 85.1925, 94.1218,
101.6729

■ 76.4698, 89.7542,
95.5527

■ 94.2940, 98.6849,
108.0407

■ 68.9192, 85.9832,
89.7089

■ 94.4171, 98.7342,
108.6890

■ 62.4891, 82.7850,
84.1385

■ 57.1206, 80.1293,
78.8360

■ 52.7495, 77.9829,
73.7958

■ 49.3044, 76.3092,
69.0119

■ 46.7038, 75.0662,
64.4776

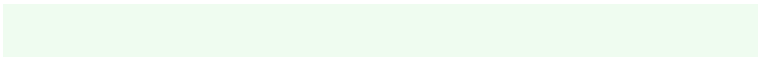
■ 44.8519, 74.2046,
60.1857

■ 43.6154, 73.6557,
56.1270

Harmonies

Analogous

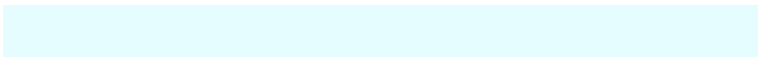
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.8941, 94.1218, 95.7232



85.1925, 94.1218, 101.6729



85.6184, 94.1218, 108.0894

Triad

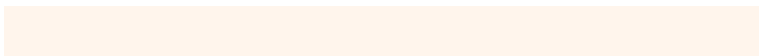
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.1925, 94.1218, 101.6729



91.3968, 94.1218, 114.0560



91.8958, 94.1218, 92.4760

Complementary

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



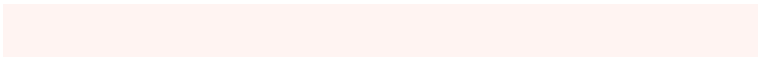
85.1925, 94.1218, 101.6729



84.8007, 84.7714, 92.7864

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.



93.4147, 94.1218, 97.0732



85.1925, 94.1218, 101.6729



93.1232, 94.1218, 109.5530

Square

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



85.1925, 94.1218, 101.6729



89.1768, 94.1218, 115.4125



93.8676, 94.1218, 103.2967



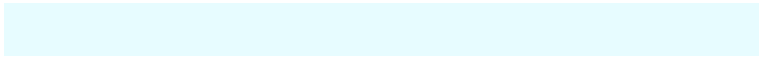
89.7437, 94.1218, 90.5564

Rectangle

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



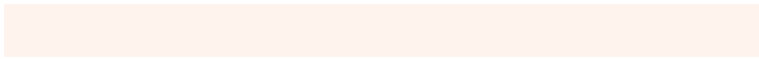
85.1925, 94.1218, 101.6729



86.4884, 94.1218, 111.7417



93.8676, 94.1218, 103.2967



92.4988, 94.1218, 93.7497

Sweetspot

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



85.1952, 94.1258, 101.6750



92.9647, 98.9520, 107.5819



85.0545, 94.3101, 90.0661



19.9201, 21.1908, 23.0409



0.0000, 0.0000, 0.0000



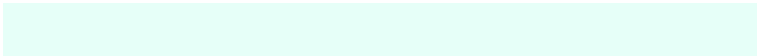
20.3446, 21.4041, 23.3091

Same Dimension

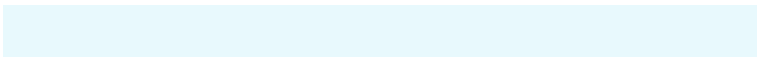
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.1952, 94.1258, 101.6750



85.1313, 95.0198, 102.4257



84.8253, 91.8792, 106.1969



18.3205, 20.3877, 21.9905



23.1708, 39.1649, 29.8483



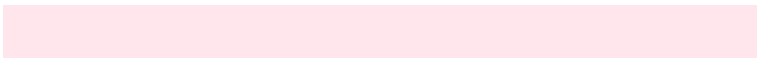
2.3032, 3.8322, 3.1545

Inverse Universe

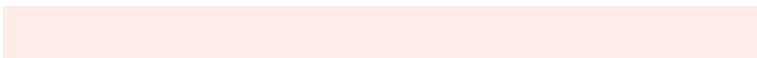
The Inverse Universe completely reimagines the original color for something new.



84.8007, 84.7714, 92.7864



84.6531, 83.6778, 91.6490



85.1297, 86.8177, 88.6160



18.2228, 18.0724, 19.7906



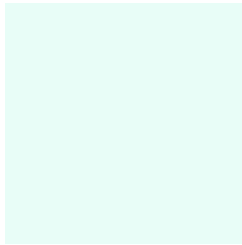
22.2305, 11.3815, 4.5980



2.2091, 1.1260, 0.6828

Previews

White Background



This preview shows how the XYZ color 85.1925, 94.1218, 101.6729 looks on a white background.

Color Contrast Check

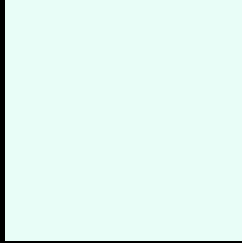
Large Text (above 18pt) WCAG AA × Fail

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 85.1925, 94.1218, 101.6729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

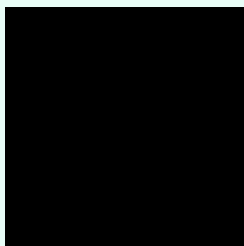
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

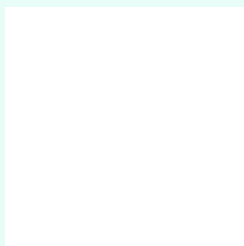
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.1925, 94.1218, 101.6729

Background



This preview shows how black text looks on a background with the XYZ color 85.1925, 94.1218, 101.6729.



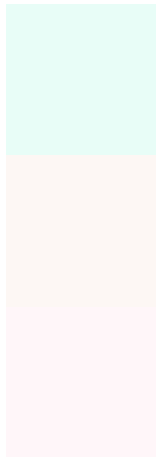
This preview shows how white text looks on a background with the XYZ color 85.1925, 94.1218,

101.6729.

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

85.1925, 94.1218, 101.6729

Protanopia

90.0979, 93.9358, 98.9707

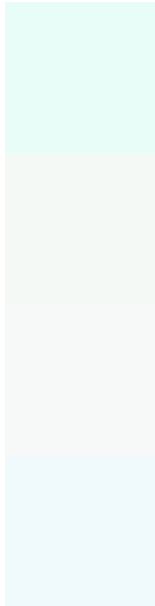
Deuteranopia

91.2947, 94.0111, 102.9567

Tritanopia

89.2339, 94.2045, 108.0879

Trichromacy



Original Color

85.1925, 94.1218, 101.6729

Protanomaly

88.0133, 93.7564, 99.8442

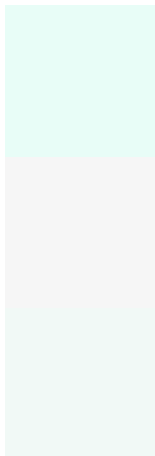
Deuteranomaly

89.1767, 94.3028, 102.3091

Tritanomaly

87.6915, 93.9248, 105.6029

Monochromacy



Original Color

85.1925, 94.1218, 101.6729

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

86.7859, 93.1060, 100.5859

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.1925, 94.1218, 101.6729 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(232, 253, 247)` looks like.

```
.text, #text, p{  
    color:rgb(232, 253, 247)  
}
```

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(232, 253, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 253, 247) }
```

Border

The CSS property to change the border of an element to XYZ 85.1925, 94.1218, 101.6729 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(232, 253, 247) }
```


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

```
.border{ border-color:rgb(232, 253, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 253, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 253, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 253, 247);  
box-shadow:4px 4px 4px 4px rgb(232, 253,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 85.1925, 94.1218, 101.6729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 253, 247) }
```

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

```
.background{ background-color: rgb(232,  
253, 247) }
```

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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