

Converting Colors

XYZ(85.8241, 94.6262,
100.7610)

Have a look what the booklet for
XYZ(85.8241, 94.6262, 100.7610)
contains.

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Color

**XYZ(85.6915, 94.3968,
100.8928)**

Conversions

Conversions Part 1

Format	Color
Hex	EAFDF6
RGB	234, 253, 246
RGB Percent	92%, 99%, 96%
CMY	0.0823, 0.0078, 0.0353
CMYK	0.08, 0.00, 0.03, 0.01
HSL	158°, 83%, 95%
HSV	158°, 8%, 99%
XYZ	85.6915, 94.3968, 100.8928
YIQ	246.5210, -9.0770, -6.2050

Conversions

Conversions Part 2

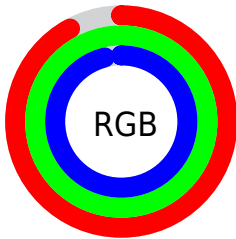
Format	Color
RYB	234, 246, 253
Decimal	15400438
CIELab	97.79, -7.46, 1.21
CIELCh	98, 7.554, 170.786
Yxy	94.3968, 0.3050, 0.3360
Android (android.graphics.Color)	4293590518 (0xFFEAFDF6)
YUV	246.5210, -0.2569, -10.9809
Hunter-Lab	97.1580, -12.5930, 6.4415

Details

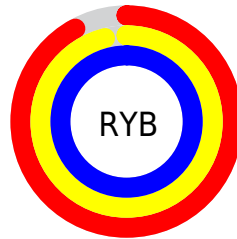
The XYZ color **85.6915, 94.3968, 100.8928** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.8114, 86.0816, 95.3161**, and the grayscale version is **88.0288, 92.6131, 100.8557**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.3943, 52.6625, 56.3821** is the 20% darker color. If you saturate the color by 10%, you get **76.5761, 89.8615, 93.1829**, and if you desaturate by 10%, it is **94.4171, 98.7341, 108.6890**.

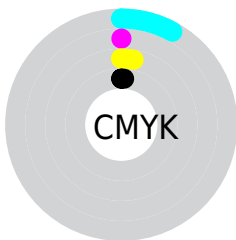
Distribution



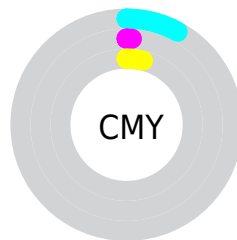
- Red (92%)
- Green (99%)
- Blue (96%)



- Red (92%)
- Yellow (96%)
- Blue (99%)



- Cyan (8%)
- Magenta (0%)
- Yellow (3%)
- Black (1%)





- Cyan (8%)
- Magenta (1%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.6915, 94.3968, 100.8928 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 85.6915, 94.3968, 100.8928 by changing the saturation by 10% instead.


 85.6915, 94.3968,
100.8928

 85.6915, 94.3968,
100.8928


502.3627,
542.2321, 584.3224

 64.7373, 71.6330,
76.4253


140.2479,
153.4310, 164.4461

 47.5120, 52.8590,
56.2726


174.5809,
190.4702, 204.3690

 33.6502, 37.6902,
40.0161

214.1042,
233.0367, 250.2809

 22.7867, 25.7423,
27.2372

259.1832,
281.5149, 302.6001

 14.5559, 16.6310,
17.5174

310.1831,
336.2891, 361.7454

 8.5926, 9.9717,
10.4382

367.4695,

 4.5314, 5.3802,

397.7438, 428.1351

5.5811

431.4075,
466.2633, 502.1880

■ 2.0069, 2.4720,
2.5274

■ 0.6378, 0.8626,
0.8546

■ 85.6915, 94.3968,
100.8928

■ 85.6915, 94.3968,
100.8928

■ 76.5761, 89.8615,
93.1829

94.4171, 98.7341,
108.6890

■ 68.6649, 85.9362,
85.8971

■ 61.9059, 82.5968,
79.0293

■ 56.2403, 79.8132,
72.5710

■ 51.6036, 77.5521,
66.5135

■ 47.9243, 75.7770,
60.8474

■ 45.1215, 74.4462,
55.5628

■ 43.0998, 73.5106,
50.6488

■ 41.7348, 72.9063,
46.0933

Harmonies

Analogous

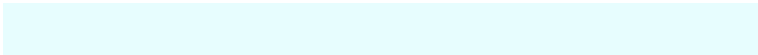
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.5478, 94.3968, 95.4578



85.6915, 94.3968, 100.8928



85.9014, 94.3968, 107.0528

Triad

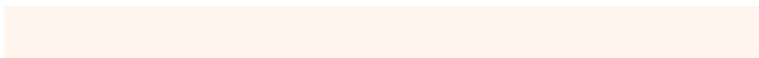
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.6915, 94.3968, 100.8928



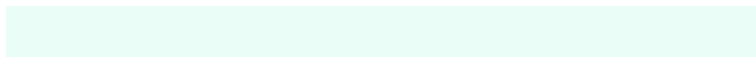
91.2004, 94.3968, 114.2852



92.3676, 94.3968, 93.8558

Complementary

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



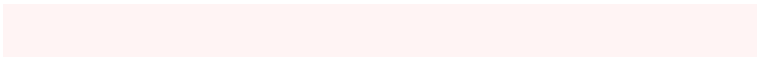
85.6915, 94.3968, 100.8928



85.8114, 86.0816, 95.3161

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.



93.6528, 94.3968, 98.6265



85.6915, 94.3968, 100.8928



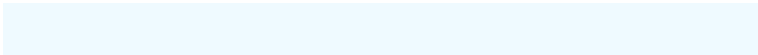
92.9714, 94.3968, 110.4717

Square

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



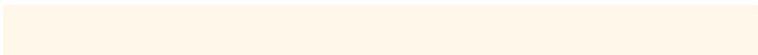
85.6915, 94.3968, 100.8928



89.0592, 94.3968, 114.9514



93.8756, 94.3968, 104.6948



90.3867, 94.3968, 91.5034

Rectangle

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



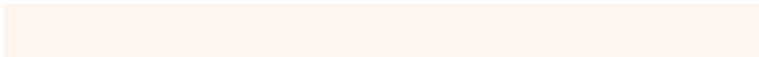
85.6915, 94.3968, 100.8928



86.6192, 94.3968, 110.7336



93.8756, 94.3968, 104.6948



92.8966, 94.3968, 95.2206

Sweetspot

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



85.6942, 94.4008, 100.8949



92.8973, 98.9251, 107.2273



86.3521, 94.9460, 91.6184



19.9064, 21.1853, 22.9687



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

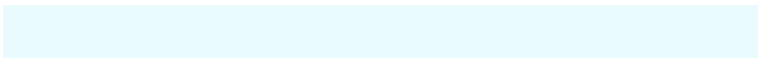
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.6942, 94.4008, 100.8949



85.7728, 95.3713, 101.5133



86.0939, 93.4473, 106.4327



18.2542, 20.3612, 21.6417



22.1222, 38.7455, 24.3265



2.2067, 3.7936, 2.6462

Inverse Universe

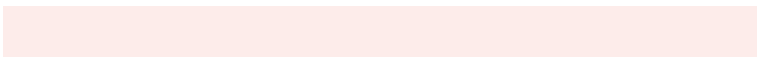
The Inverse Universe completely reimagines the original color for something new.



85.8114, 86.0816, 95.3161



85.9145, 85.3229, 94.7752



85.4201, 86.9413, 90.1224



18.2861, 18.0978, 20.1239



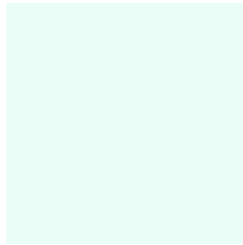
22.6696, 11.5571, 6.9108



2.2578, 1.1455, 0.9390

Previews

White Background



This preview shows how the XYZ color 85.6915, 94.3968, 100.8928 looks on a white background.

Color Contrast Check

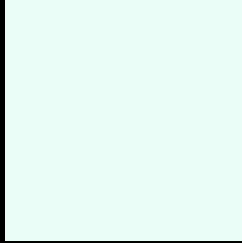
Large Text (above 18pt) WCAG AA × Fail

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 85.6915, 94.3968, 100.8928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

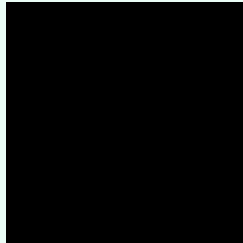
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

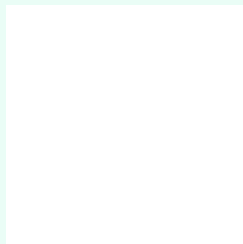
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.6915, 94.3968, 100.8928

Background



This preview shows how black text looks on a background with the XYZ color 85.6915, 94.3968, 100.8928.



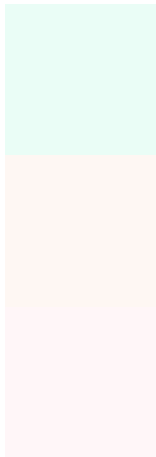
This preview shows how white text looks on a background with the XYZ color 85.6915, 94.3968,

100.8928.

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

85.6915, 94.3968, 100.8928

Protanopia

90.3115, 94.0634, 98.1902

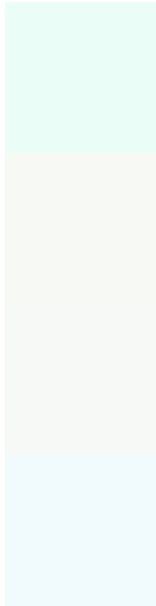
Deuteranopia

91.1390, 93.9488, 102.1373

Tritanopia

89.5819, 94.3838, 108.1042

Trichromacy



Original Color

85.6915, 94.3968, 100.8928

Protanomaly

88.5626, 94.0572, 99.0751

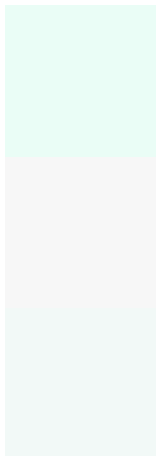
Deuteranomaly

89.0220, 94.2409, 101.4940

Tritanomaly

88.0319, 94.1003, 105.6188

Monochromacy



Original Color

85.6915, 94.3968, 100.8928

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

87.2821, 93.3440, 101.4126

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.6915, 94.3968, 100.8928 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(234, 253, 246)` looks like.

```
.text, #text, p{  
    color:rgb(234, 253, 246)  
}
```

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(234, 253, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 253, 246) }
```

Border

The CSS property to change the border of an element to XYZ 85.6915, 94.3968, 100.8928 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(234, 253, 246) }
```


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

```
.border{ border-color:rgb(234, 253, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 253, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 253, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 253, 246);  
box-shadow:4px 4px 4px 4px rgb(234, 253,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 85.6915, 94.3968, 100.8928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 253, 246) }
```

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

```
.background{ background-color: rgb(234,  
253, 246) }
```

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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