

Converting Colors

XYZ(85.5016, 95.2629,
100.0853)

Have a look what the booklet for
XYZ(85.5016, 95.2629, 100.0853)
contains.

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Color

**XYZ(85.5201, 95.2684,
100.2674)**

Conversions

Conversions Part 1

Format	Color
Hex	E8FFF5
RGB	232, 255, 245
RGB Percent	91%, 100%, 96%
CMY	0.0902, 0.0000, 0.0392
CMYK	0.09, 0.00, 0.04, 0.00
HSL	154°, 100%, 95%
HSV	154°, 9%, 100%
XYZ	85.5201, 95.2684, 100.2674
YIQ	246.9830, -10.4980, -7.9860

Conversions

Conversions Part 2

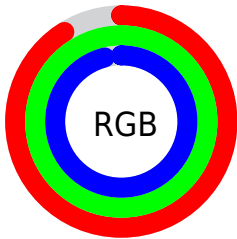
Format	Color
R _Y B	232, 247, 255
Decimal	15269877
CIE Lab	98.14, -9.28, 2.22
CIE LCh	98, 9.544, 166.579
Yxy	95.2684, 0.3043, 0.3390
Android (android.graphics.Color)	4293459957 (0xFFE8FFF5)
YUV	246.9830, -0.9776, -13.1401
Hunter-Lab	97.6055, -14.4114, 7.4169

Details

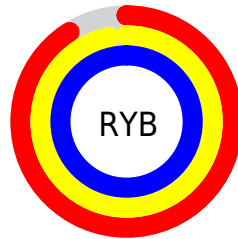
The XYZ color **85.5201, 95.2684, 100.2674** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.1241, 85.3850, 95.9460**, and the grayscale version is **88.4076, 93.0117, 101.2897**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.2839, 53.2924, 55.9384** is the 20% darker color. If you saturate the color by 10%, you get **76.1923, 90.6494, 91.2599**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

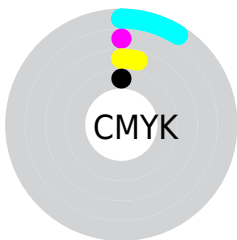
Distribution



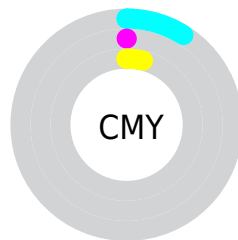
- Red (91%)
- Green (100%)
- Blue (96%)



- Red (91%)
- Yellow (97%)
- Blue (100%)



- Cyan (9%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (9%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.5201, 95.2684, 100.2674 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 85.5201, 95.2684, 100.2674 by changing the saturation by 10% instead.


 85.5201, 95.2684,
100.2674

 85.5201, 95.2684,
100.2674

501.8053,
545.0239, 582.3036

 64.5951, 72.3584,
75.9057


140.0099,
154.6354, 163.5797

 47.3964, 53.4515,
55.8490


174.3054,
191.8611, 203.3674

 33.5584, 38.1633,
39.6787


213.7886,
234.6275, 249.1342

 22.7158, 26.1095,
26.9763

258.8246,
283.3190, 301.2986

 14.5033, 16.9056,
17.3231

309.7790,
338.3200, 360.2793

 8.5556, 10.1672,
10.3007

367.0169,

 4.5072, 5.5099,

400.0149, 426.4946

5.4906

430.9039,
468.7881, 500.3632

■ 1.9929, 2.5495,
2.4742

■ 0.6300, 0.9013,
0.8264

■ 85.5201, 95.2684,
100.2674

■ 85.5201, 95.2684,
100.2674

■ 76.1923, 90.6494,
91.2599

95.0500, 100.0000,
108.9000

■ 68.1128, 86.6625,
82.8297

■ 61.2255, 83.2789,
74.9659

■ 55.4687, 80.4670,
67.6562

■ 50.7750, 78.1922,
60.8872

■ 47.0695, 76.4163,
54.6453

■ 44.2669, 75.0954,
48.9157

■ 42.2664, 74.1779,
43.6828

■ 40.9199, 73.5876,
38.9281

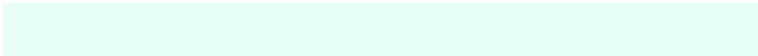
Harmonies

Analogous

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



86.7760, 95.2684, 93.6995



85.5201, 95.2684, 100.2674



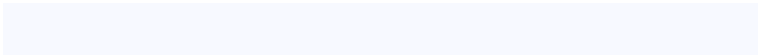
85.5925, 95.2684, 108.0972

Triad

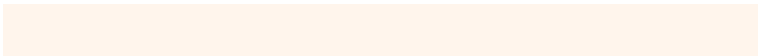
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.5201, 95.2684, 100.2674



92.0617, 95.2684, 118.8784



94.2204, 95.2684, 93.1511

Complementary

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



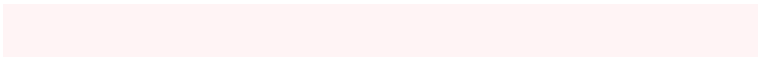
85.5201, 95.2684, 100.2674



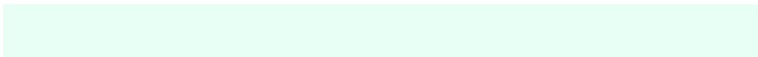
86.1241, 85.3850, 95.9460

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.



95.6949, 95.2684, 99.4842



85.5201, 95.2684, 100.2674



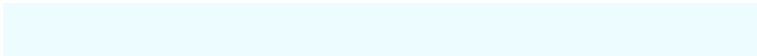
94.4314, 95.2684, 114.4543

Square

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



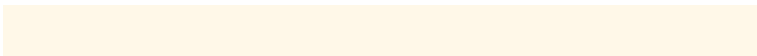
85.5201, 95.2684, 100.2674



89.3321, 95.2684, 119.1143



95.7728, 95.2684, 107.2736



91.7784, 95.2684, 89.7329

Rectangle

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



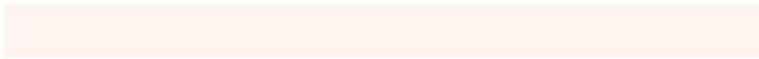
85.5201, 95.2684, 100.2674



86.3836, 95.2684, 112.9872



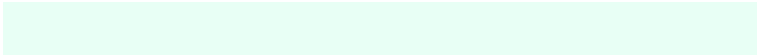
95.7728, 95.2684, 107.2736



94.8478, 95.2684, 94.9948

Sweetspot

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



85.5209, 95.2688, 100.2689



91.7604, 98.3655, 105.9752



87.0642, 96.2857, 90.3414



19.4567, 20.9630, 22.5177



0.0000, 0.0000, 0.0000



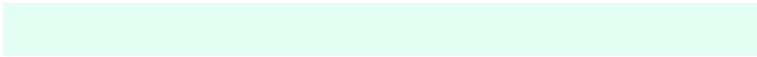
20.3446, 21.4041, 23.3091

Same Dimension

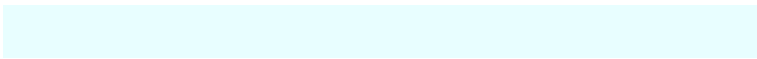
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.5209, 95.2688, 100.2689



83.5711, 94.3021, 98.4377



86.7235, 95.1646, 108.4055



18.2017, 20.3402, 21.3651



21.3978, 38.4557, 20.5120



2.1383, 3.7662, 2.2862

Inverse Universe

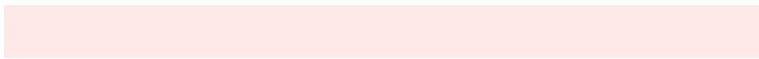
The Inverse Universe completely reimagines the original color for something new.



86.1241, 85.3850, 95.9460



84.2967, 82.4114, 93.2373



84.9876, 85.4500, 88.3593



18.3373, 18.1182, 20.3933



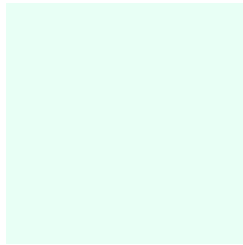
23.1157, 11.7356, 9.2595



2.3043, 1.1641, 1.1840

Previews

White Background



This preview shows how the XYZ color 85.5201, 95.2684, 100.2674 looks on a white background.

Color Contrast Check

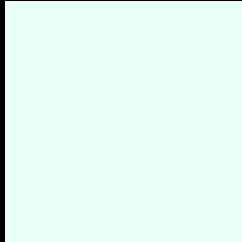
Large Text (above 18pt) WCAG AA × Fail

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 85.5201, 95.2684, 100.2674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

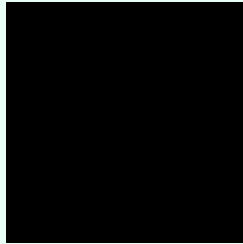
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

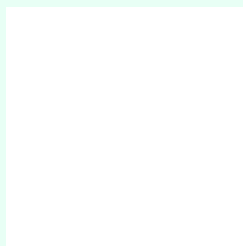
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.5201, 95.2684, 100.2674

Background



This preview shows how black text looks on a background with the XYZ color 85.5201, 95.2684, 100.2674.



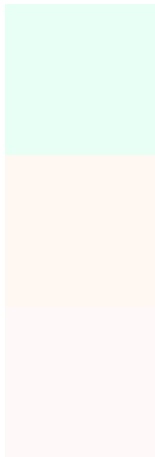
This preview shows how white text looks on a background with the XYZ color 85.5201, 95.2684,

100.2674.

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

85.5201, 95.2684, 100.2674

Protanopia

90.8344, 94.8056, 97.5162

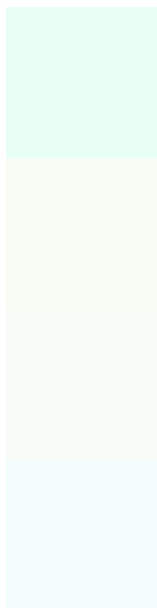
Deuteranopia

91.9063, 95.2344, 103.1606

Tritanopia

90.2416, 95.1840, 108.2239

Trichromacy



Original Color

85.5201, 95.2684, 100.2674

Protanomaly

89.0326, 95.2396, 98.4846

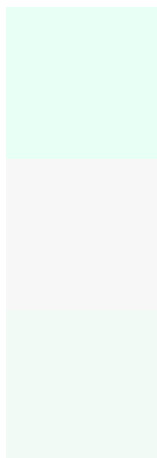
Deuteranomaly

89.7982, 95.5458, 102.5163

Tritanomaly

88.4986, 95.2866, 104.9946

Monochromacy



Original Color

85.5201, 95.2684, 100.2674

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

87.4381, 93.9023, 100.7052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.5201, 95.2684, 100.2674 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, 255, 245)` looks like.

```
.text, #text, p{  
    color:rgb(232, 255, 245)  
}
```

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, 255, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 255, 245) }
```

Border

The CSS property to change the border of an element to XYZ 85.5201, 95.2684, 100.2674 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, 255, 245) }
```


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

```
.border{ border-color:rgb(232, 255, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 255, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 255, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 255, 245);  
box-shadow:4px 4px 4px 4px rgb(232, 255,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 85.5201, 95.2684, 100.2674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 255, 245) }
```

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

```
.background{ background-color: rgb(232,  
255, 245) }
```

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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