

Converting Colors

XYZ(85.7506, 95.3418,
102.3308)

Have a look what the booklet for
XYZ(85.7506, 95.3418, 102.3308)
contains.

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Color

**XYZ(85.6583, 95.2862,
102.6843)**

Conversions

Conversions Part 1

Format	Color
Hex	E7FFF8
RGB	231, 255, 248
RGB Percent	91%, 100%, 97%
CMY	0.0941, 0.0000, 0.0274
CMYK	0.09, 0.00, 0.03, 0.00
HSL	163°, 100%, 95%
HSV	163°, 9%, 100%
XYZ	85.6583, 95.2862, 102.6843
YIQ	247.0260, -12.0570, -7.2650

Conversions

Conversions Part 2

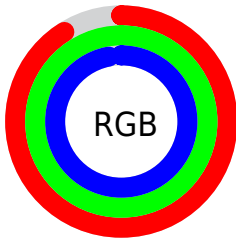
Format	Color
R_{YB}	231, 245, 255
Decimal	15204344
CIE _{Lab}	98.15, -9.05, 0.68
CIE _{LCh}	98, 9.079, 175.727
Yxy	95.2862, 0.3020, 0.3360
Android (android.graphics.Color)	4293394424 (0xFFE7FFF8)
YUV	247.0260, 0.4802, -14.0548
Hunter-Lab	97.6147, -14.1892, 5.9610

Details

The XYZ color **85.6583, 95.2862, 102.6843** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.2492, 84.5861, 92.7228**, and the grayscale version is **88.4321, 93.0375, 101.3178**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.3877, 53.3079, 57.6610** is the 20% darker color. If you saturate the color by 10%, you get **76.8879, 90.8956, 96.3714**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

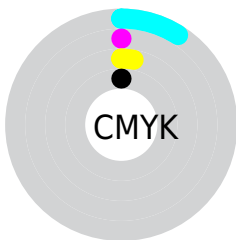
Distribution



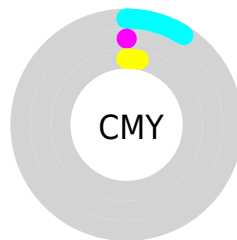
- Red (91%)
- Green (100%)
- Blue (97%)



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



- Cyan (9%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)



- Cyan (9%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.6583, 95.2862, 102.6843 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 85.6583, 95.2862, 102.6843 by changing the saturation by 10% instead.

85.6583, 95.2862,
102.6843

85.6583, 95.2862,
102.6843

502.2548,
545.0808, 590.0849

64.7098, 72.3732,
77.9149

140.2018,
154.6599, 166.9251

47.4896, 53.4636,
57.4880

174.5276,
191.8895, 207.2336

33.6324, 38.1730,
40.9852

214.0431,
234.6600, 253.5588

22.7729, 26.1170,
27.9879

259.1137,
283.3558, 306.3193

14.5457, 16.9112,
18.0776

310.1049,
338.3615, 365.9336

8.5854, 10.1712,
10.8357

367.3818,

4.5267, 5.5126,

400.0612, 432.8203

5.8437

431.3100,
468.8395, 507.3979

■ 2.0042, 2.5510,
2.6830

■ 0.6363, 0.9021,
0.9349

■ 85.6583, 95.2862,
102.6843

■ 85.6583, 95.2862,
102.6843

■ 76.8879, 90.8956,
96.3714

95.0500, 100.0000,
108.9000

■ 69.3093, 87.1141,
90.3493

■ 62.8676, 83.9135,
84.6142

■ 57.5021, 81.2627,
79.1604

■ 53.1466, 79.1275,
73.9820

■ 49.7274, 77.4699,
69.0724

■ 47.1600, 76.2466,
64.4248

■ 45.3444, 75.4060,
60.0314

■ 44.1270, 74.8690,
55.8819

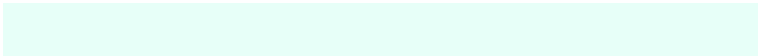
Harmonies

Analogous

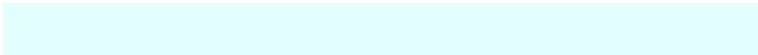
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.4863, 95.2862, 95.8727



85.6583, 95.2862, 102.6843



86.1246, 95.2862, 110.1092

Triad

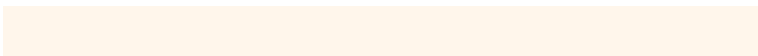
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.6583, 95.2862, 102.6843



92.7606, 95.2862, 117.2312



93.4195, 95.2862, 92.3313

Complementary

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



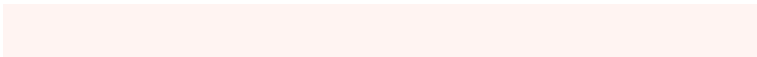
85.6583, 95.2862, 102.6843



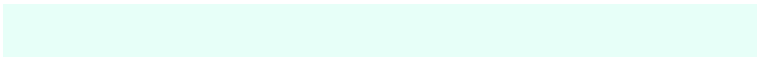
85.2492, 84.5861, 92.7228

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.



95.1589, 95.2862, 97.6414



85.6583, 95.2862, 102.6843



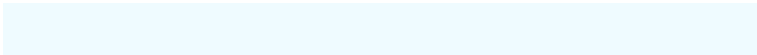
94.7734, 95.2862, 112.0484

Square

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



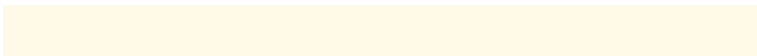
85.6583, 95.2862, 102.6843



90.1936, 95.2862, 118.7384



95.6591, 95.2862, 104.8240



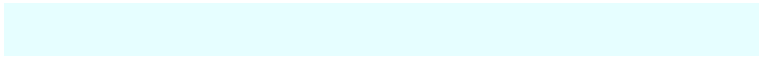
90.9407, 95.2862, 90.0800

Rectangle

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



85.6583, 95.2862, 102.6843



87.1116, 95.2862, 114.3752



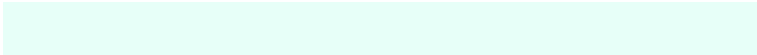
95.6591, 95.2862, 104.8240



94.1119, 95.2862, 93.8050

Sweetspot

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



85.6592, 95.2867, 102.6858



91.9342, 98.4350, 106.8902



85.5117, 95.5017, 89.5296



19.5036, 20.9817, 22.7649



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

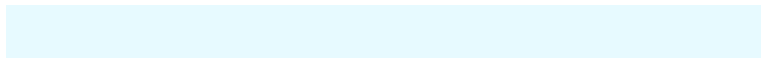
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.6592, 95.2867, 102.6858



84.1835, 94.5471, 101.6627



85.2536, 92.7051, 108.0083



18.3158, 20.3859, 21.9660



23.0923, 39.1335, 29.4349



2.2961, 3.8293, 3.1169

Inverse Universe

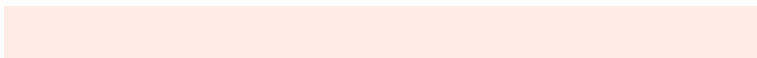
The Inverse Universe completely reimagines the original color for something new.



85.2492, 84.5861, 92.7228



83.7096, 82.1765, 90.1454



85.6025, 86.9064, 87.8658



18.2272, 18.0742, 19.8138



22.2570, 11.3921, 4.7381



2.2122, 1.1273, 0.6989

Previews

White Background



This preview shows how the XYZ color 85.6583, 95.2862, 102.6843 looks on a white background.

Color Contrast Check

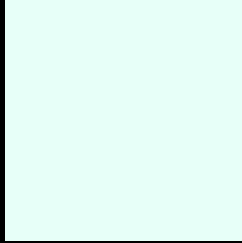
Large Text (above 18pt) WCAG AA × Fail

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 85.6583, 95.2862, 102.6843 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 85.6583, 95.2862, 102.6843

Background



This preview shows how black text looks on a background with the XYZ color 85.6583, 95.2862, 102.6843.



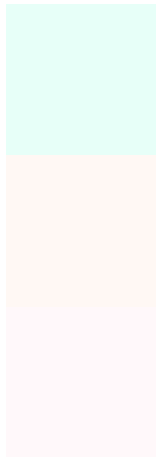
This preview shows how white text looks on a background with the XYZ color 85.6583, 95.2862,

102.6843.

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

85.6583, 95.2862, 102.6843

Protanopia

91.1365, 94.9265, 99.1072

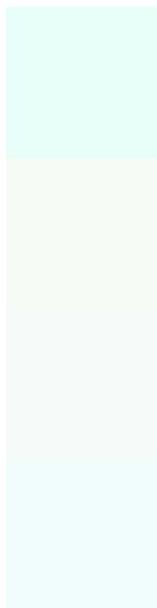
Deuteranopia

92.0627, 95.2969, 103.9844

Tritanopia

90.2416, 95.1840, 108.2239

Trichromacy



Original Color

85.6583, 95.2862, 102.6843

Protanomaly

88.9846, 95.1798, 100.0677

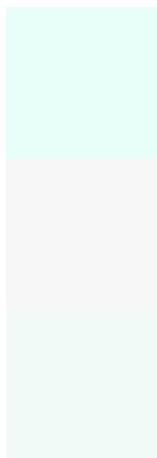
Deuteranomaly

89.6021, 95.4267, 103.3192

Tritanomaly

88.6567, 95.3499, 105.8271

Monochromacy



Original Color

85.6583, 95.2862, 102.6843

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

87.2497, 93.7874, 101.4999

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.6583, 95.2862, 102.6843 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(231, 255, 248)` looks like.

```
.text, #text, p{  
    color:rgb(231, 255, 248)  
}
```

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(231, 255, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 255, 248) }
```

Border

The CSS property to change the border of an element to XYZ 85.6583, 95.2862, 102.6843 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(231, 255, 248) }
```


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

```
.border{ border-color:rgb(231, 255, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 255, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 255, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 255, 248);  
box-shadow:4px 4px 4px 4px rgb(231, 255,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 85.6583, 95.2862, 102.6843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 255, 248) }
```

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

```
.background{ background-color: rgb(231,  
255, 248) }
```

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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