

Converting Colors

XYZ(82.5561, 91.1210,
102.4859)

Have a look what the booklet for
XYZ(82.5561, 91.1210, 102.4859)
contains.

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Color

**XYZ(82.6485, 91.3795,
102.9045)**

Conversions

Conversions Part 1

Format	Color
Hex	E2FAF9
RGB	226, 250, 249
RGB Percent	89%, 98%, 98%
CMY	0.1137, 0.0196, 0.0235
CMYK	0.10, 0.00, 0.00, 0.02
HSL	177°, 71%, 93%
HSV	177°, 10%, 98%
XYZ	82.6485, 91.3795, 102.9045
YIQ	242.7100, -13.9830, -5.3990

Conversions

Conversions Part 2

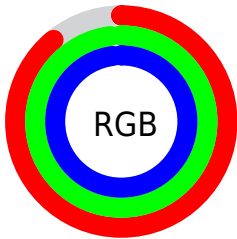
Format	Color
R _Y B	226, 238, 250
Decimal	14875385
CIE Lab	96.57, -7.96, -2.19
CIE LCh	97, 8.256, 195.389
Yxy	91.3795, 0.2984, 0.3300
Android (android.graphics.Color)	4293065465 (0xFFE2FAF9)
YUV	242.7100, 3.1010, -14.6547
Hunter-Lab	95.5926, -12.9576, 3.0897

Details

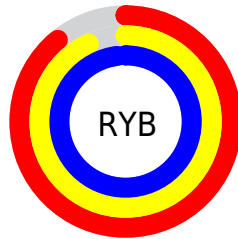
The XYZ color **82.6485, 91.3795, 102.9045** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **80.4891, 80.2652, 83.9277**, and the grayscale version is **84.9472, 89.3711, 97.3251**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.7120, 51.0918, 57.9045** is the 20% darker color. If you saturate the color by 10%, you get **75.2116, 87.5669, 101.7095**, and if you desaturate by 10%, it is **91.2346, 95.7894, 104.1619**.

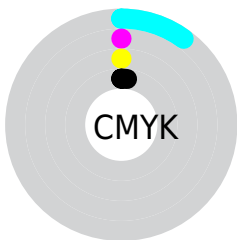
Distribution



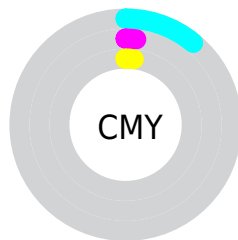
- Red (89%)
- Green (98%)
- Blue (98%)



- Red (89%)
- Yellow (93%)
- Blue (98%)



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.6485, 91.3795, 102.9045 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 82.6485, 91.3795, 102.9045 by changing the saturation by 10% instead.

82.6485, 91.3795,
102.9045

82.6485, 91.3795,
102.9045

492.4160,
532.5082, 590.7912

62.2161, 69.1254,
78.0981

136.0141,
149.2531, 167.2295

45.4636, 50.8138,
57.6376

169.6781,
185.6414, 207.5852

32.0256, 36.0605,
41.1046

208.4834,
227.5098, 253.9610

21.5367, 24.4809,
28.0805

252.7953,
275.2428, 306.7755

13.6316, 15.6907,
18.1468

302.9791,
329.2247, 366.4472

7.9448, 9.3056,
10.8849

359.4003,

4.1112, 4.9410,

389.8400, 433.3947

5.8763

422.4241,
457.4730, 508.0365

■ 1.7652, 2.2127,
2.7024

■ 0.4966, 0.7269,
0.9447

■ 82.6485, 91.3795,
102.9045

■ 82.6485, 91.3795,
102.9045

■ 75.2116, 87.5669,
101.7095

■ 91.2346, 95.7894,
104.1619

■ 68.8668, 84.3147,
100.5684

■ 92.8545, 96.6055,
105.0961

■ 63.5638, 81.5995,
99.4807

■ 93.0199, 96.6716,
105.9669

■ 59.2454, 79.3918,
98.4439

■ 93.1862, 96.7381,
106.8426

■ 55.8490, 77.6592,
97.4549

■ 93.3534, 96.8050,
107.7231

■ 53.3045, 76.3658,
96.5105

■ 93.4773, 96.8546,
108.3758

■ 51.5320, 75.4702,
95.6069

■ 50.4365, 74.9235,
94.7397

■ 49.8676, 74.6481,
93.9018

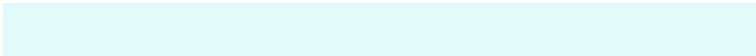
Harmonies

Analogous

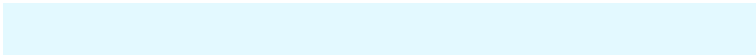
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.6334, 91.3795, 96.3279



82.6485, 91.3795, 102.9045



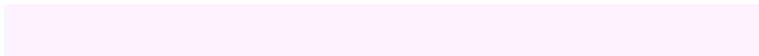
83.7768, 91.3795, 108.8126

Triad

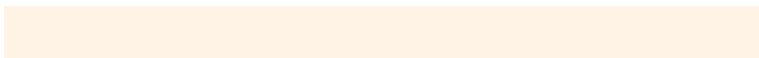
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.6485, 91.3795, 102.9045



90.0482, 91.3795, 108.6833



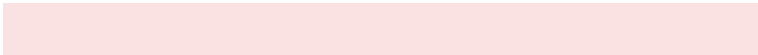
87.9767, 91.3795, 87.7085

Complementary

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



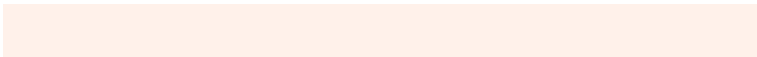
82.6485, 91.3795, 102.9045



80.4891, 80.2652, 83.9277

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.



90.0046, 91.3795, 90.7283



82.6485, 91.3795, 102.9045



91.2148, 91.3795, 102.7343

Square

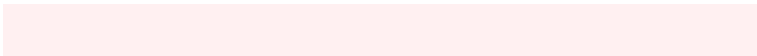
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.6485, 91.3795, 102.9045



88.0354, 91.3795, 112.2482



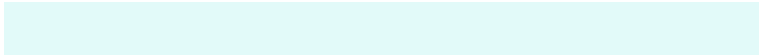
91.1987, 91.3795, 96.1651



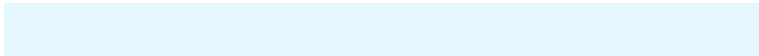
85.6822, 91.3795, 87.7495

Rectangle

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



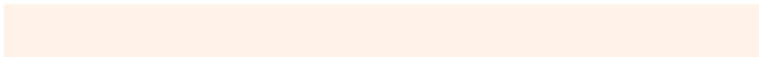
82.6485, 91.3795, 102.9045



85.0201, 91.3795, 111.4932



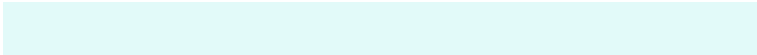
91.1987, 91.3795, 96.1651



88.7130, 91.3795, 88.3933

Sweetspot

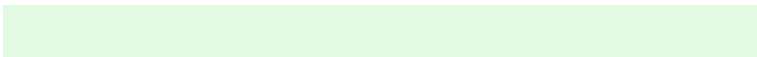
The Sweet Spot groups the original color and five complimentary colors.



82.6511, 91.3833, 102.9065



92.2399, 98.5573, 108.4999



79.6574, 90.2295, 85.1706



19.5864, 21.0149, 23.2008



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

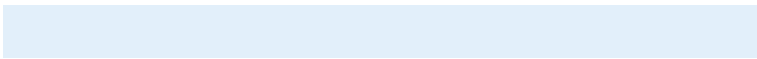
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.6511, 91.3833, 102.9065



84.4692, 94.5691, 107.3331



79.5471, 84.9240, 102.6464



17.7326, 19.5953, 22.0585



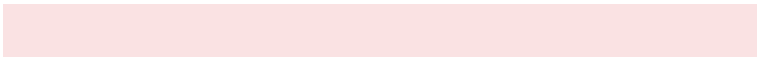
26.4541, 39.5946, 49.8619



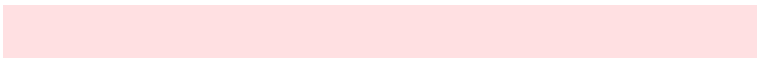
2.4596, 3.6709, 4.6679

Inverse Universe

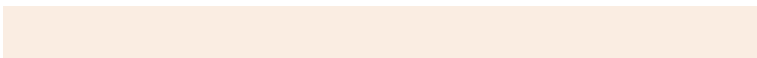
The Inverse Universe completely reimagines the original color for something new.



80.4891, 80.2652, 83.9277



81.6868, 80.2600, 82.9075



83.3814, 86.2708, 84.2102



17.2740, 17.2370, 18.0328



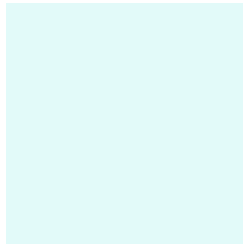
20.9551, 10.7978, 1.2063



1.9508, 1.0041, 0.1645

Previews

White Background



This preview shows how the XYZ color 82.6485, 91.3795, 102.9045 looks on a white background.

Color Contrast Check

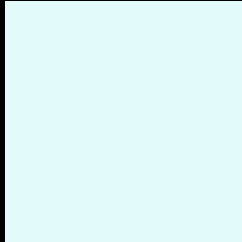
Large Text (above 18pt) WCAG AA × Fail

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 82.6485, 91.3795, 102.9045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

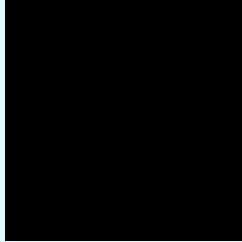
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

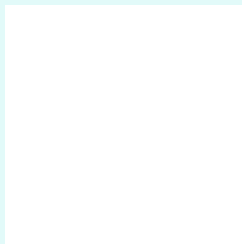
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.6485, 91.3795, 102.9045

Background



This preview shows how black text looks on a background with the XYZ color 82.6485, 91.3795, 102.9045.

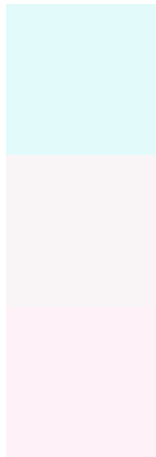


This preview shows how white text looks on a background with the XYZ color 82.6485, 91.3795,

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

82.6485, 91.3795, 102.9045

Protanopia

87.8990, 91.4337, 99.4019

Deuteranopia

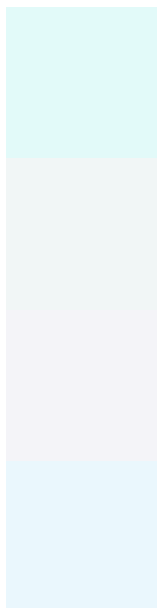
89.6386, 90.9479, 101.6372



Tritanopia

86.2657, 91.3087, 107.6854

Trichromacy



Original Color

82.6485, 91.3795, 102.9045

Protanomaly

85.8659, 91.2661, 100.2793

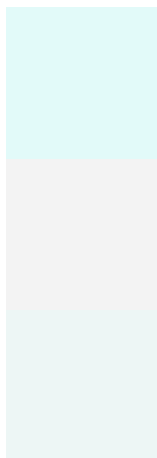
Deuteranomaly

86.6022, 90.7118, 101.7516

Tritanomaly

84.9221, 91.1058, 106.0378

Monochromacy



Original Color

82.6485, 91.3795, 102.9045

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

84.3622, 90.5086, 99.4097

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.6485, 91.3795, 102.9045 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(226, 250, 249)` looks like.

```
.text, #text, p{  
    color:rgb(226, 250, 249)  
}
```

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(226, 250, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 250, 249) }
```

Border

The CSS property to change the border of an element to XYZ 82.6485, 91.3795, 102.9045 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(226, 250, 249) }
```


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

```
.border{ border-color:rgb(226, 250, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 250, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 250, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 250, 249);  
box-shadow:4px 4px 4px 4px rgb(226, 250,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 82.6485, 91.3795, 102.9045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 250, 249) }
```

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

```
.background{ background-color: rgb(226,  
250, 249) }
```

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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