

Converting Colors

XYZ(82.5142, 89.8460,
106.7590)

Have a look what the booklet for
XYZ(82.5142, 89.8460, 106.7590)
contains.

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Color

**XYZ(82.5142, 89.8460,
106.7590)**

Conversions

Conversions Part 1

Format	Color
Hex	E2F7FE
RGB	226, 247, 254
RGB Percent	89%, 97%, 100%
CMY	0.1137, 0.0314, 0.0039
CMYK	0.11, 0.03, 0.00, 0.00
HSL	195°, 93%, 94%
HSV	195°, 11%, 100%
XYZ	82.5142, 89.8460, 106.7590
YIQ	241.5190, -14.7630, -2.2750

Conversions

Conversions Part 2

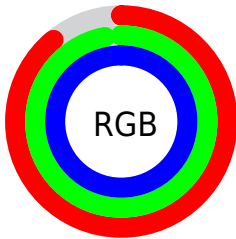
Format	Color
R_{YB}	226, 238, 254
Decimal	14874622
CIE _{Lab}	95.93, -5.49, -5.70
CIE _{LCh}	96, 7.916, 226.095
Yxy	89.8460, 0.2956, 0.3219
Android (android.graphics.Color)	4293064702 (0xFFE2F7FE)
YUV	241.5190, 6.1531, -13.6102
Hunter-Lab	94.7871, -10.4895, -0.4275

Details

The XYZ color **82.5142, 89.8460, 106.7590** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.7400, 84.8394, 83.9152**, and the grayscale version is **83.9816, 88.3551, 96.2187**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.5034, 49.9507, 60.0665** is the 20% darker color. If you saturate the color by 10%, you get **73.2245, 82.2268, 105.7794**, and if you desaturate by 10%, it is **93.0551, 98.2131, 107.8199**.

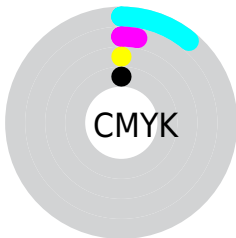
Distribution



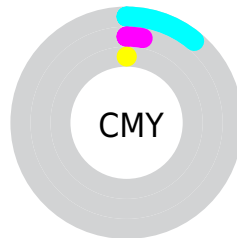
- Red (89%)
- Green (97%)
- Blue (100%)



- Red (89%)
- Yellow (93%)
- Blue (100%)



- Cyan (11%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.5142, 89.8460, 106.7590 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 82.5142, 89.8460, 106.7590 by changing the saturation by 10% instead.

82.5142, 89.8460,
106.7590

82.5142, 89.8460,
106.7590

491.9745,
527.5298, 603.0829

62.1050, 67.8529,
81.3089

135.8269,
147.1245, 172.5476

45.3735, 49.7781,
60.2636

169.4612,
183.1786, 213.7232

31.9542, 35.2371,
43.2044

208.2345,
224.6886, 260.9777

21.4819, 23.8456,
29.7129

252.5122,
272.0389, 314.7297

13.5912, 15.2191,
19.3706

302.6597,
325.6137, 375.3976

7.9167, 8.9733,
11.7589

359.0424,

4.0930, 4.7238,

385.7975, 443.4001

6.4592

422.0255,
452.9747, 519.1557

■ 1.7549, 2.0861,
3.0530

■ 0.4903, 0.6568,
1.1217

■ 82.5142, 89.8460,
106.7590

■ 82.5142, 89.8460,
106.7590

■ 73.2245, 82.2268,
105.7794

■ 93.0551, 98.2131,
107.8199

■ 65.1258, 75.3164,
104.8724

94.8897, 99.9359,
108.0557

■ 58.1645, 69.0884,
104.0372

■ 52.2798, 63.5106,
103.2707

■ 47.4048, 58.5475,
102.5697

■ 43.4649, 54.1595,
101.9303

■ 40.3742, 50.3014,
101.3486

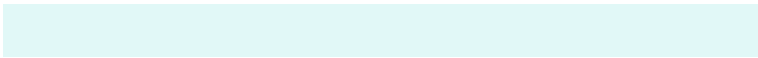
■ 38.0303, 46.9194,
100.8193

■ 36.4187, 44.2139,
100.3820

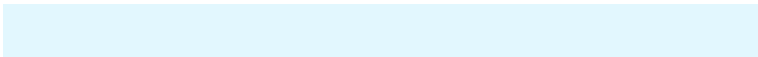
Harmonies

Analogous

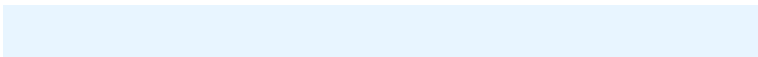
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.4208, 89.8460, 101.2024



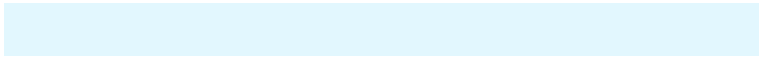
82.5142, 89.8460, 106.7590



84.3898, 89.8460, 109.9834

Triad

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



82.5142, 89.8460, 106.7590



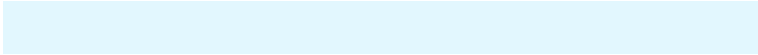
89.5413, 89.8460, 100.7483



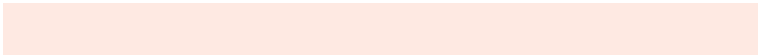
84.2359, 89.8460, 86.7110

Complementary

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



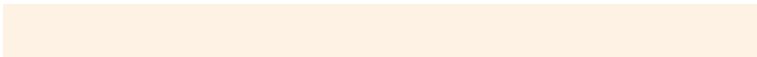
82.5142, 89.8460, 106.7590



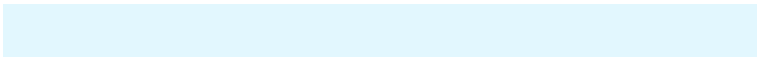
83.7400, 84.8394, 83.9152

Split Complementary

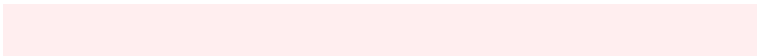
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.4100, 89.8460, 86.6011



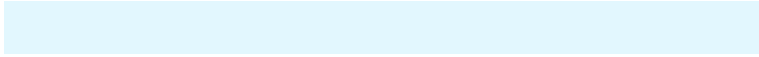
82.5142, 89.8460, 106.7590



89.4984, 89.8460, 94.5275

Square

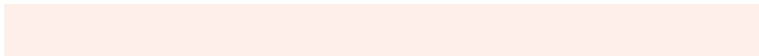
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.5142, 89.8460, 106.7590



88.4603, 89.8460, 106.4144



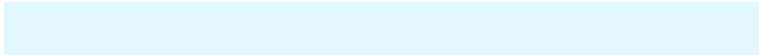
88.3440, 89.8460, 89.4077



82.4032, 89.8460, 89.7145

Rectangle

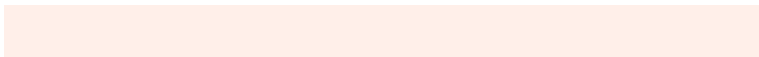
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.5142, 89.8460, 106.7590



85.8430, 89.8460, 110.2915



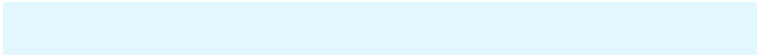
88.3440, 89.8460, 89.4077



84.9504, 89.8460, 86.3389

Sweetspot

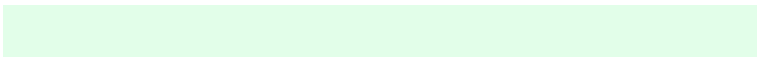
The Sweet Spot groups the original color and five complimentary colors.



82.5168, 89.8498, 106.7610



91.6845, 97.3643, 108.5686



81.4488, 92.9105, 90.3841



19.4360, 20.6917, 23.2195



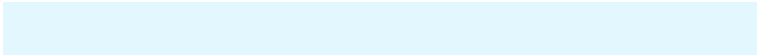
0.0000, 0.0000, 0.0000



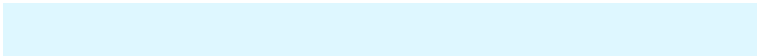
20.3446, 21.4041, 23.3091

Same Dimension

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



82.5168, 89.8498, 106.7610



81.3024, 89.0742, 107.5157



78.5262, 81.8686, 105.4308



18.1479, 19.6674, 23.0896



19.3233, 23.5562, 52.9629



1.9679, 2.4666, 5.1856

Inverse Universe

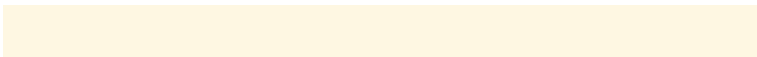
The Inverse Universe completely reimagines the original color for something new.



84.8600, 82.1808, 99.3899



84.0662, 80.1208, 98.8006



87.7203, 92.7999, 85.2420



18.5873, 18.2182, 21.7099



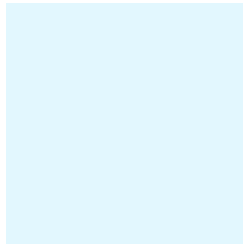
26.5417, 13.1060, 27.3009



2.6279, 1.2935, 2.8881

Previews

White Background



This preview shows how the XYZ color 82.5142, 89.8460, 106.7590 looks on a white background.

Color Contrast Check

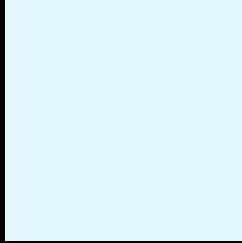
Large Text (above 18pt) WCAG AA × Fail

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 82.5142, 89.8460, 106.7590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

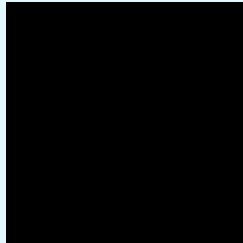
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.5142, 89.8460, 106.7590

Background



This preview shows how black text looks on a background with the XYZ color 82.5142, 89.8460, 106.7590.



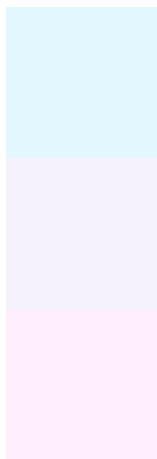
This preview shows how white text looks on a background with the XYZ color 82.5142, 89.8460,

106.7590.

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

82.5142, 89.8460, 106.7590

Protanopia

86.8209, 89.8818, 104.0398

Deuteranopia

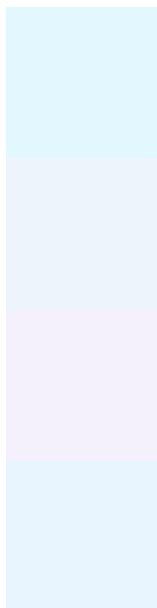
89.3852, 89.4373, 104.6475



Tritanopia

84.6616, 89.5835, 107.4369

Trichromacy



Original Color

82.5142, 89.8460, 106.7590

Protanomaly

85.1813, 89.9068, 104.9597

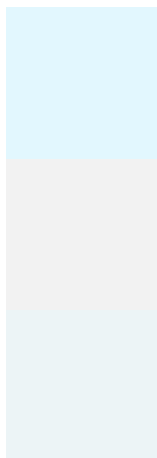
Deuteranomaly

86.4931, 89.2355, 105.5940

Tritanomaly

83.9811, 89.6806, 107.4916

Monochromacy



Original Color

82.5142, 89.8460, 106.7590

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

83.5773, 89.1881, 99.9988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.5142, 89.8460, 106.7590 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, 247, 254)` looks like.

```
.text, #text, p{  
    color:rgb(226, 247, 254)  
}
```

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, 247, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 247, 254) }
```

Border

The CSS property to change the border of an element to XYZ 82.5142, 89.8460, 106.7590 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, 247, 254) }
```


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

```
.border{ border-color:rgb(226, 247, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 247, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 247, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 247, 254);  
box-shadow:4px 4px 4px 4px rgb(226, 247,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 82.5142, 89.8460, 106.7590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 247, 254) }
```

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

```
.background{ background-color: rgb(226,  
247, 254) }
```

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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