

Converting Colors

XYZ(83.2574, 90.3575,
105.4582)

Have a look what the booklet for
XYZ(83.2574, 90.3575, 105.4582)
contains.

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Color

**XYZ(83.1446, 90.2078,
105.1251)**

Conversions

Conversions Part 1

Format	Color
Hex	E5F7FC
RGB	229, 247, 252
RGB Percent	90%, 97%, 99%
CMY	0.1020, 0.0314, 0.0118
CMYK	0.09, 0.02, 0.00, 0.01
HSL	193°, 79%, 94%
HSV	193°, 9%, 99%
XYZ	83.1446, 90.2078, 105.1251
YIQ	242.1880, -12.3330, -2.2610

Conversions

Conversions Part 2

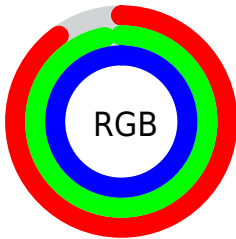
Format	Color
R _Y B	229, 239, 252
Decimal	15071228
CIE Lab	96.08, -4.92, -4.43
CIE LCh	96, 6.621, 221.947
Yxy	90.2078, 0.2986, 0.3239
Android (android.graphics.Color)	4293261308 (0xFFE5F7FC)
YUV	242.1880, 4.8373, -11.5659
Hunter-Lab	94.9778, -9.9503, 0.8600

Details

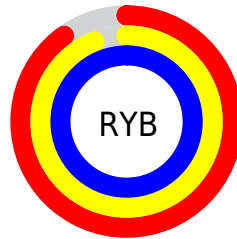
The XYZ color **83.1446, 90.2078, 105.1251** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.7111, 85.1979, 86.1632**, and the grayscale version is **84.5190, 88.9206, 96.8345**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.7147, 50.0860, 58.8879** is the 20% darker color. If you saturate the color by 10%, you get **74.0313, 83.0632, 104.2278**, and if you desaturate by 10%, it is **93.4794, 98.0600, 106.0974**.

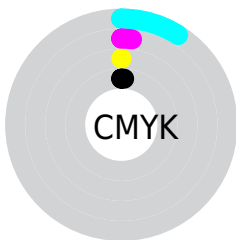
Distribution



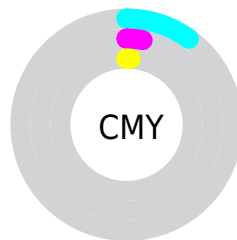
- Red (90%)
- Green (97%)
- Blue (99%)



- Red (90%)
- Yellow (94%)
- Blue (99%)



- Cyan (9%)
- Magenta (2%)
- Yellow (0%)
- Black (1%)



- Cyan (10%)
- Magenta (3%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.1446, 90.2078, 105.1251 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 83.1446, 90.2078, 105.1251 by changing the saturation by 10% instead.

83.1446, 90.2078,
105.1251

83.1446, 90.2078,
105.1251

494.0450,
528.7066, 597.8887

62.6268, 68.1530,
79.9469

136.7054,
147.6270, 170.2957

45.7968, 50.0222,
59.1488

170.4792,
183.7602, 211.1251

32.2895, 35.4311,
42.3121

209.4022,
225.3550, 258.0088

21.7393, 23.9951,
29.0183

253.8399,
272.7958, 311.3652

13.7810, 15.3300,
18.8490

304.1577,
326.4669, 371.6128

8.0492, 9.0513,
11.3855

360.7209,

4.1785, 4.7747,

386.7528, 439.1702

6.2093

423.8949,
454.0379, 514.4560

■ 1.8036, 2.1157,
2.9019

■ 0.5198, 0.6734,
1.0448

■ 83.1446, 90.2078,
105.1251

■ 83.1446, 90.2078,
105.1251

■ 74.0313, 83.0632,
104.2278

■ 93.4794, 98.0600,
106.0974

■ 66.0812, 76.5882,
103.3970

■ 94.5710, 99.8084,
106.3774

■ 59.2429, 70.7581,
102.6321

■ 53.4578, 65.5420,
101.9302

■ 48.6617, 60.9062,
101.2882

■ 44.7834, 56.8134,
100.7026

■ 41.7414, 53.2208,
100.1695

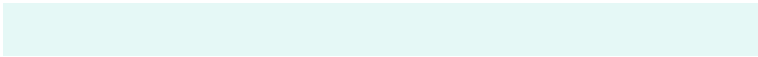
■ 39.4392, 50.0781,
99.6842

■ 37.7322, 47.3101,
99.2399

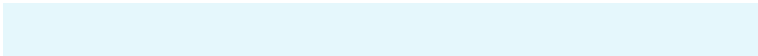
Harmonies

Analogous

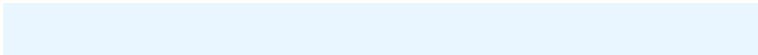
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.3371, 90.2078, 100.3257



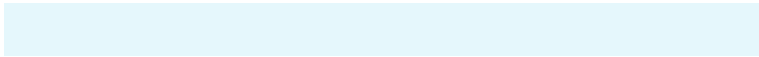
83.1446, 90.2078, 105.1251



84.6520, 90.2078, 108.1357

Triad

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



83.1446, 90.2078, 105.1251



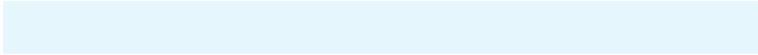
89.1352, 90.2078, 101.3829



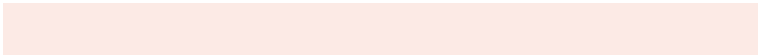
85.0121, 90.2078, 88.6714

Complementary

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



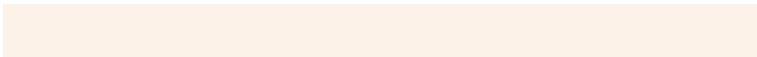
83.1446, 90.2078, 105.1251



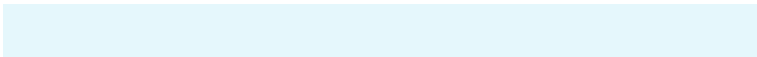
83.7111, 85.1979, 86.1632

Split Complementary

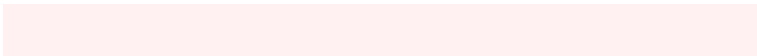
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.8369, 90.2078, 88.9316



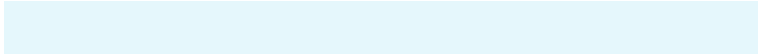
83.1446, 90.2078, 105.1251



89.2350, 90.2078, 96.1458

Square

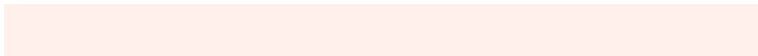
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.1446, 90.2078, 105.1251



88.1178, 90.2078, 105.9227



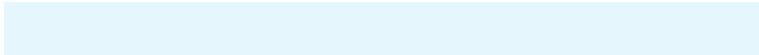
88.3885, 90.2078, 91.6259



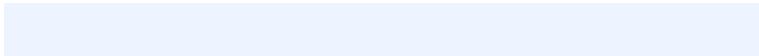
83.4050, 90.2078, 90.9019

Rectangle

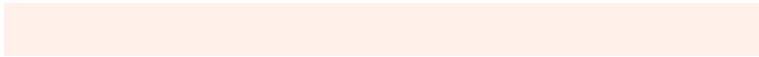
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.1446, 90.2078, 105.1251



85.8596, 90.2078, 108.6602



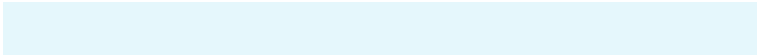
88.3885, 90.2078, 91.6259



85.6201, 90.2078, 88.4727

Sweetspot

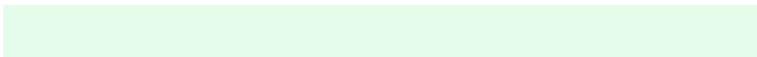
The Sweet Spot groups the original color and five complimentary colors.



83.1472, 90.2116, 105.1271



91.7635, 97.5221, 108.5949



81.9740, 92.2199, 91.3107



19.4573, 20.7344, 23.2266



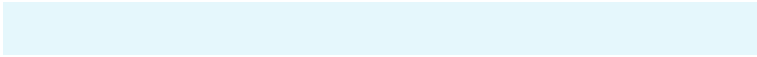
0.0000, 0.0000, 0.0000



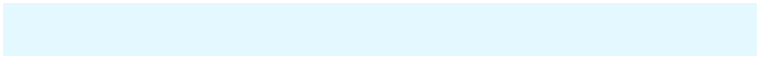
20.3446, 21.4041, 23.3091

Same Dimension

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



83.1472, 90.2116, 105.1271



83.5596, 91.2363, 107.8141



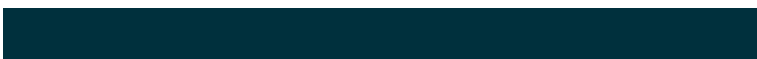
79.7419, 83.4010, 103.9920



17.4271, 18.9311, 22.1208



19.6968, 24.7493, 51.7125



1.9008, 2.4452, 4.8150

Inverse Universe

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



84.9548, 83.4514, 99.6302



85.7797, 83.0045, 101.0465



87.0881, 91.9518, 87.2889



17.8221, 17.4562, 20.9191



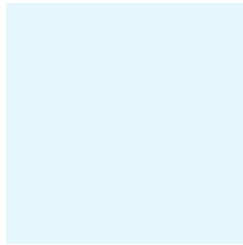
26.2341, 12.9094, 29.0048



2.4683, 1.2111, 2.8897

Previews

White Background



This preview shows how the XYZ color 83.1446, 90.2078, 105.1251 looks on a white background.

Color Contrast Check

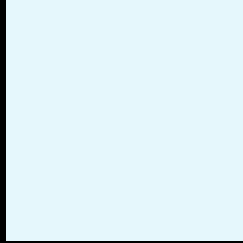
Large Text (above 18pt) WCAG AA × Fail

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 83.1446, 90.2078, 105.1251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

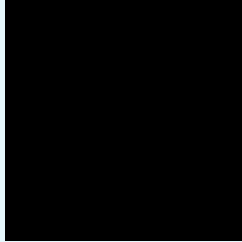
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

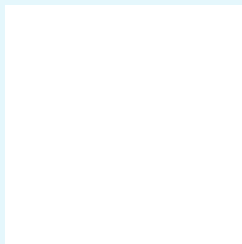
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.1446, 90.2078, 105.1251

Background



This preview shows how black text looks on a background with the XYZ color 83.1446, 90.2078, 105.1251.

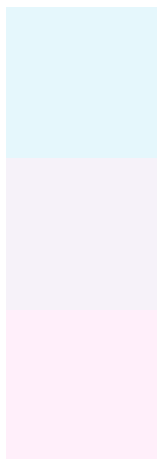


This preview shows how white text looks on a background with the XYZ color 83.1446, 90.2078,

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

83.1446, 90.2078, 105.1251

Protanopia

86.8570, 89.9366, 102.4042

Deuteranopia

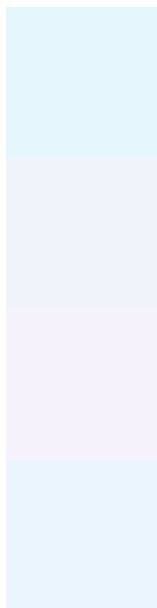
89.3618, 89.8951, 103.0841



Tritanopia

85.3257, 89.9259, 107.4680

Trichromacy



Original Color

83.1446, 90.2078, 105.1251

Protanomaly

85.5412, 90.1288, 103.3306

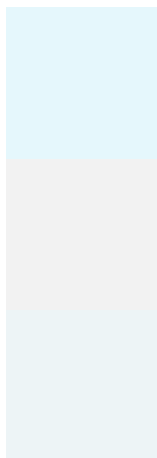
Deuteranomaly

87.1708, 90.0621, 104.0561

Tritanomaly

84.4735, 89.9530, 106.6764

Monochromacy



Original Color

83.1446, 90.2078, 105.1251

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

83.9103, 89.3597, 100.0144

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.1446, 90.2078, 105.1251 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(229, 247, 252)` looks like.

```
.text, #text, p{  
    color:rgb(229, 247, 252)  
}
```

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(229, 247, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 247, 252) }
```

Border

The CSS property to change the border of an element to XYZ 83.1446, 90.2078, 105.1251 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(229, 247, 252) }
```


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

```
.border{ border-color:rgb(229, 247, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 247, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 247, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 247, 252);  
box-shadow:4px 4px 4px 4px rgb(229, 247,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 83.1446, 90.2078, 105.1251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 247, 252) }
```

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

```
.background{ background-color: rgb(229,  
247, 252) }
```

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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