

Converting Colors

XYZ(83.4784, 90.6063,
104.3494)

Have a look what the booklet for
XYZ(83.4784, 90.6063, 104.3494)
contains.

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Color

**XYZ(83.3065, 90.3096,
104.3076)**

Conversions

Conversions Part 1

Format	Color
Hex	E6F7FB
RGB	230, 247, 251
RGB Percent	90%, 97%, 98%
CMY	0.0980, 0.0314, 0.0157
CMYK	0.08, 0.02, 0.00, 0.02
HSL	191°, 72%, 94%
HSV	191°, 8%, 98%
XYZ	83.3065, 90.3096, 104.3076
YIQ	242.3730, -11.4160, -2.3600

Conversions

Conversions Part 2

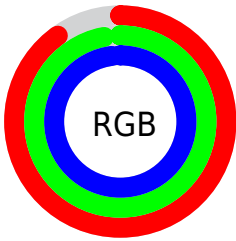
Format	Color
R _Y B	230, 239, 251
Decimal	15136763
CIE Lab	96.13, -4.80, -3.84
CIE LCh	96, 6.143, 218.679
Yxy	90.3096, 0.2997, 0.3249
Android (android.graphics.Color)	4293326843 (0xFFE6F7FB)
YUV	242.3730, 4.2531, -10.8511
Hunter-Lab	95.0314, -9.8280, 1.4445

Details

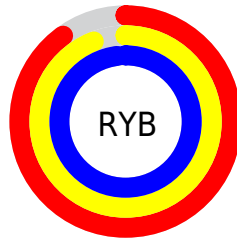
The XYZ color **83.3065, 90.3096, 104.3076** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.4898, 85.0674, 86.8837**, and the grayscale version is **84.6696, 89.0790, 97.0070**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.9367, 50.2004, 58.8983** is the 20% darker color. If you saturate the color by 10%, you get **74.3830, 83.5710, 103.4787**, and if you desaturate by 10%, it is **93.3949, 97.7091, 105.2055**.

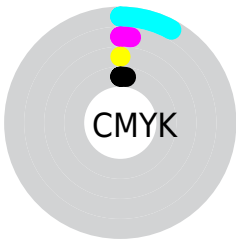
Distribution



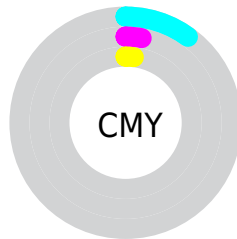
- Red (90%)
- Green (97%)
- Blue (98%)



- Red (90%)
- Yellow (94%)
- Blue (98%)



- Cyan (8%)
- Magenta (2%)
- Yellow (0%)
- Black (2%)



- Cyan (10%)
- Magenta (3%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.3065, 90.3096, 104.3076 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 83.3065, 90.3096, 104.3076 by changing the saturation by 10% instead.

83.3065, 90.3096,
104.3076

83.3065, 90.3096,
104.3076

494.5759,
529.0375, 595.2809

62.7608, 68.2375,
79.2660

136.9310,
147.7684, 169.1676

45.9056, 50.0909,
58.5919

170.7404,
183.9238, 209.8231

32.3757, 35.4857,
41.8669

209.7018,
225.5424, 256.5203

21.8055, 24.0372,
28.6723

254.1806,
273.0086, 309.6778

13.8299, 15.3612,
18.5896

304.5420,
326.7068, 369.7141

8.0834, 9.0733,
11.2003

361.1515,

4.2006, 4.7890,

387.0215, 437.0476

6.0859

424.3743,
454.3369, 512.0971

■ 1.8162, 2.1240,
2.8277

■ 0.5274, 0.6781,
1.0074

■ 83.3065, 90.3096,
104.3076

■ 83.3065, 90.3096,
104.3076

■ 74.3830, 83.5710,
103.4787

■ 93.3949, 97.7091,
105.2055

■ 66.6045, 77.4755,
102.7121

■ 94.4129, 99.7451,
105.5449

■ 59.9205, 71.9988,
102.0072

■ 54.2735, 67.1111,
101.3614

■ 49.6007, 62.7795,
100.7716

■ 45.8322, 58.9675,
100.2345

■ 42.8883, 55.6336,
99.7461

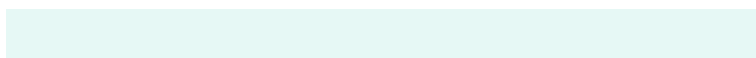
■ 40.6751, 52.7291,
99.3022

■ 39.0612, 50.1855,
98.8963

Harmonies

Analogous

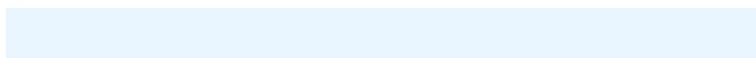
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.6412, 90.3096, 99.7532



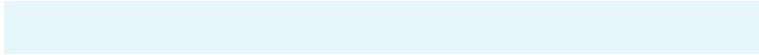
83.3065, 90.3096, 104.3076



84.6519, 90.3096, 107.3258

Triad

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



83.3065, 90.3096, 104.3076



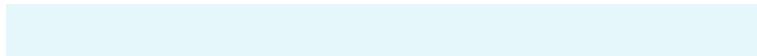
88.9221, 90.3096, 101.7798



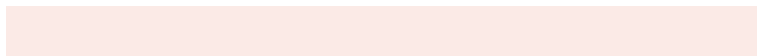
85.3436, 90.3096, 89.3527

Complementary

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



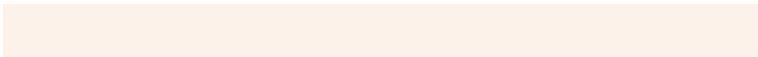
83.3065, 90.3096, 104.3076



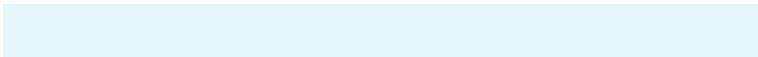
83.4898, 85.0674, 86.8837

Split Complementary

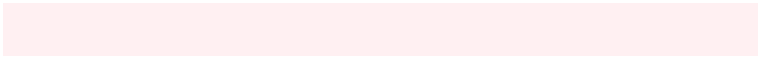
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.0322, 90.3096, 89.8549



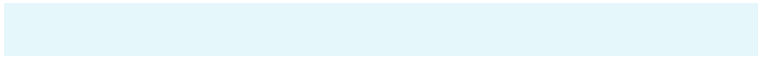
83.3065, 90.3096, 104.3076



89.1132, 90.3096, 96.9240

Square

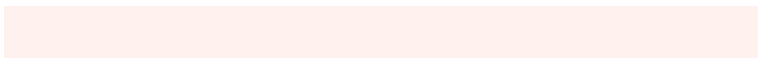
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.3065, 90.3096, 104.3076



87.8985, 90.3096, 105.8332



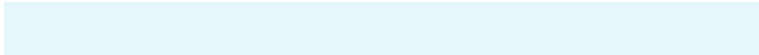
88.4173, 90.3096, 92.5887



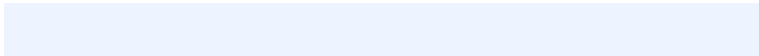
83.8071, 90.3096, 91.1936

Rectangle

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



83.3065, 90.3096, 104.3076



85.7611, 90.3096, 108.0047



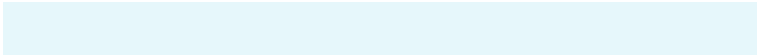
88.4173, 90.3096, 92.5887



85.9120, 90.3096, 89.2544

Sweetspot

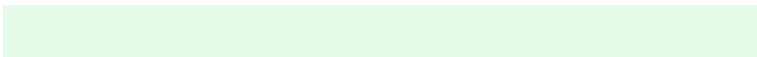
The Sweet Spot groups the original color and five complimentary colors.



83.3091, 90.3134, 104.3096



91.8287, 97.6525, 108.6167



81.9615, 91.7508, 91.1203



19.4750, 20.7697, 23.2325



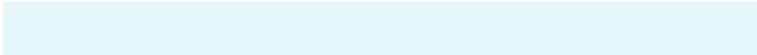
0.0000, 0.0000, 0.0000



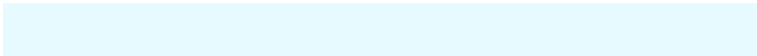
20.3446, 21.4041, 23.3091

Same Dimension

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



83.3091, 90.3134, 104.3096



84.7543, 92.4233, 107.9802



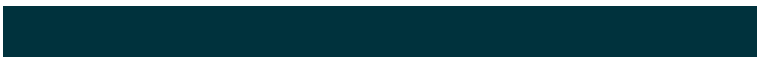
80.2301, 84.1555, 103.2833



17.4686, 19.0141, 22.1347



20.5098, 26.3752, 51.9835



1.9693, 2.5823, 4.8378

Inverse Universe

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



84.8710, 83.8200, 99.7059



86.6763, 84.4871, 102.3030



86.5242, 91.1361, 87.8951



17.8431, 17.4646, 21.0294



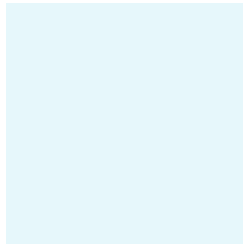
26.6444, 13.0735, 31.1657



2.5029, 1.2249, 3.0719

Previews

White Background



This preview shows how the XYZ color 83.3065, 90.3096, 104.3076 looks on a white background.

Color Contrast Check

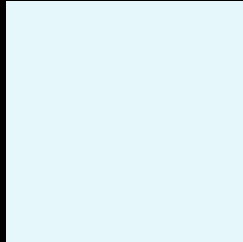
Large Text (above 18pt) WCAG AA × Fail

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 83.3065, 90.3096, 104.3076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

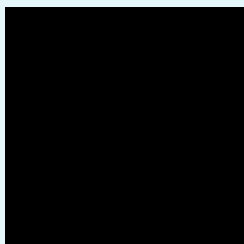
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

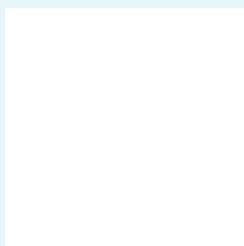
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.3065, 90.3096, 104.3076

Background



This preview shows how black text looks on a background with the XYZ color 83.3065, 90.3096, 104.3076.



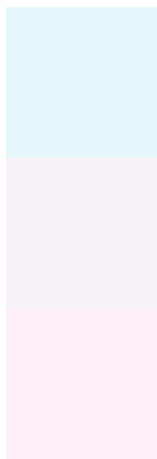
This preview shows how white text looks on a background with the XYZ color 83.3065, 90.3096,

104.3076.

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

83.3065, 90.3096, 104.3076

Protanopia

86.7014, 89.8744, 101.5848

Deuteranopia

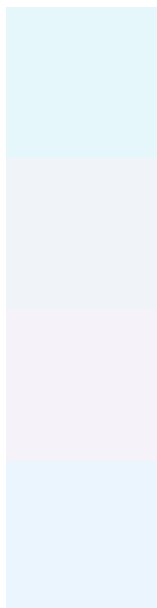
89.2054, 89.8326, 102.2603



Tritanopia

85.6606, 90.0985, 107.4837

Trichromacy



Original Color

83.3065, 90.3096, 104.3076

Protanomaly

85.3847, 90.0662, 102.5068

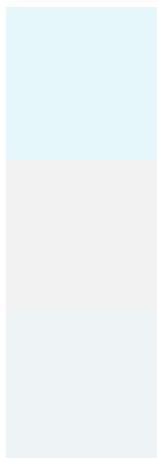
Deuteranomaly

87.0135, 89.9992, 103.2280

Tritanomaly

84.8028, 90.1227, 106.6918

Monochromacy



Original Color

83.3065, 90.3096, 104.3076

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.0920, 89.4711, 99.2237

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.3065, 90.3096, 104.3076 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(230, 247, 251)` looks like.

```
.text, #text, p{  
    color:rgb(230, 247, 251)  
}
```

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(230, 247, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 247, 251) }
```

Border

The CSS property to change the border of an element to XYZ 83.3065, 90.3096, 104.3076 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(230, 247, 251) }
```


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

```
.border{ border-color:rgb(230, 247, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 247, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 247, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 247, 251);  
box-shadow:4px 4px 4px 4px rgb(230, 247,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 83.3065, 90.3096, 104.3076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 247, 251) }
```

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

```
.background{ background-color: rgb(230,  
247, 251) }
```

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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