

Converting Colors

XYZ(83.2611, 91.5163,
103.0424)

Have a look what the booklet for
XYZ(83.2611, 91.5163, 103.0424)
contains.

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Color

**XYZ(83.2794, 91.7047,
102.9340)**

Conversions

Conversions Part 1

Format	Color
Hex	E4FAF9
RGB	228, 250, 249
RGB Percent	89%, 98%, 98%
CMY	0.1059, 0.0196, 0.0235
CMYK	0.09, 0.00, 0.00, 0.02
HSL	177°, 69%, 94%
HSV	177°, 9%, 98%
XYZ	83.2794, 91.7047, 102.9340
YIQ	243.3080, -12.7910, -4.9750

Conversions

Conversions Part 2

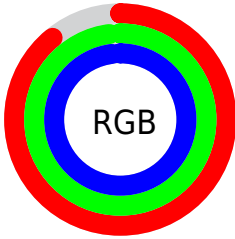
Format	Color
R _Y B	228, 239, 250
Decimal	15006457
CIE Lab	96.70, -7.32, -1.98
CIE LCh	97, 7.587, 195.126
Yxy	91.7047, 0.2997, 0.3300
Android (android.graphics.Color)	4293196537 (0xFFE4FAF9)
YUV	243.3080, 2.8062, -13.4251
Hunter-Lab	95.7626, -12.3529, 3.3037

Details

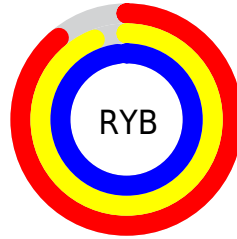
The XYZ color **83.2794, 91.7047, 102.9340** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **81.3139, 81.4704, 85.5727**, and the grayscale version is **85.4245, 89.8732, 97.8719**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.9307, 51.2045, 57.9147** is the 20% darker color. If you saturate the color by 10%, you get **75.7381, 87.8400, 101.6572**, and if you desaturate by 10%, it is **91.9739, 96.1688, 104.2742**.

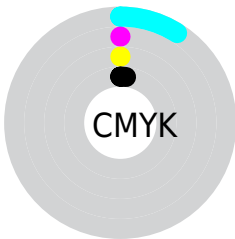
Distribution



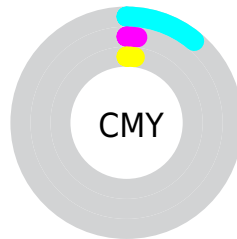
- Red (89%)
- Green (98%)
- Blue (98%)



- Red (89%)
- Yellow (94%)
- Blue (98%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.2794, 91.7047, 102.9340 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 83.2794, 91.7047, 102.9340 by changing the saturation by 10% instead.

83.2794, 91.7047,
102.9340

83.2794, 91.7047,
102.9340

494.4871,
533.5607, 590.8858

62.7384, 69.3954,
78.1226

136.8932,
149.7040, 167.2703

45.8874, 51.0338,
57.6577

170.6967,
186.1629, 207.6323

32.3612, 36.2355,
41.1206

209.6517,
228.1070, 254.0148

21.7945, 24.6161,
28.0929

254.1236,
275.9208, 306.8366

13.8217, 15.7913,
18.1561

304.4777,
329.9887, 366.5160

8.0776, 9.3766,
10.8915

361.0794,

4.1969, 4.9876,

390.6950, 433.4716

5.8807

424.2941,
458.4242, 508.1221

■ 1.8141, 2.2400,
2.7050

■ 0.5262, 0.7417,
0.9460

■ 83.2794, 91.7047,
102.9340

■ 83.2794, 91.7047,
102.9340

■ 75.7381, 87.8400,
101.6572

■ 91.9739, 96.1688,
104.2742

■ 69.2931, 84.5379,
100.4354

■ 92.8845, 96.6174,
105.2540

■ 63.8945, 81.7750,
99.2682

■ 93.0651, 96.6897,
106.2052

■ 59.4854, 79.5222,
98.1529

■ 93.2468, 96.7624,
107.1621

■ 56.0037, 77.7473,
97.0866

■ 93.4296, 96.8355,
108.1247

■ 53.3800, 76.4146,
96.0660

■ 93.4773, 96.8546,
108.3758

■ 51.5354, 75.4834,
95.0875

■ 50.3762, 74.9055,
94.1466

■ 49.7661, 74.6104,
93.2370

Harmonies

Analogous

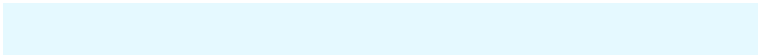
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.2749, 91.7047, 96.8787



83.2794, 91.7047, 102.9340



84.3129, 91.7047, 108.3706

Triad

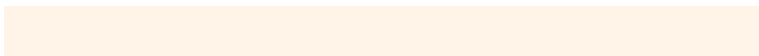
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.2794, 91.7047, 102.9340



90.0888, 91.7047, 108.3321



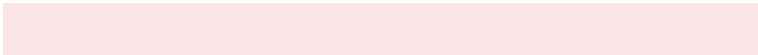
88.2150, 91.7047, 88.9682

Complementary

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



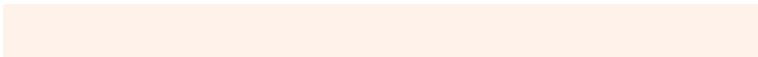
83.2794, 91.7047, 102.9340



81.3139, 81.4704, 85.5727

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.



90.0757, 91.7047, 91.7897



83.2794, 91.7047, 102.9340



91.1694, 91.7047, 102.8832

Square

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



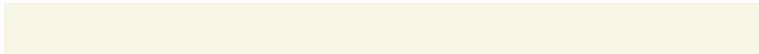
83.2794, 91.7047, 102.9340



88.2326, 91.7047, 111.5722



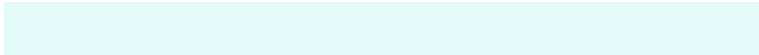
91.1646, 91.7047, 96.8298



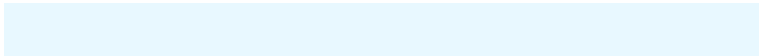
86.1012, 91.7047, 88.9806

Rectangle

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



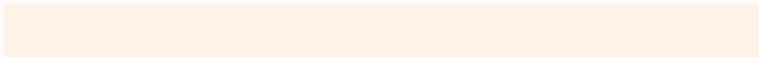
83.2794, 91.7047, 102.9340



85.4561, 91.7047, 110.8419



91.1646, 91.7047, 96.8298



88.8916, 91.7047, 89.6115

Sweetspot

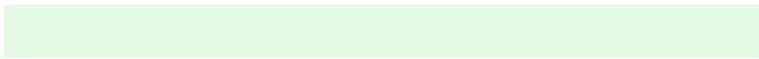
The Sweet Spot groups the original color and five complimentary colors.



83.2820, 91.7086, 102.9360



92.2352, 98.5554, 108.4753



80.5369, 90.6510, 86.6530



19.5851, 21.0143, 23.1941



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

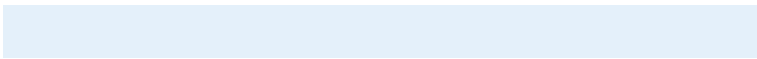
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.2820, 91.7086, 102.9360



85.2674, 94.9806, 107.3705



80.4424, 85.7782, 102.7640



17.7296, 19.5941, 22.0426



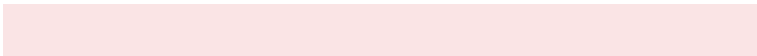
26.3808, 39.5653, 49.4759



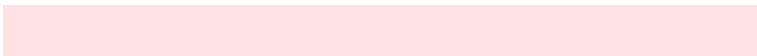
2.4536, 3.6685, 4.6365

Inverse Universe

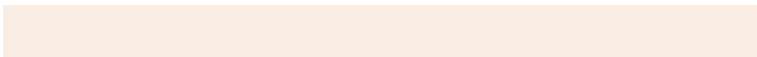
The Inverse Universe completely reimagines the original color for something new.



81.3139, 81.4704, 85.5727



82.7309, 81.7850, 84.9916



83.9766, 87.0195, 85.7707



17.2767, 17.2380, 18.0468



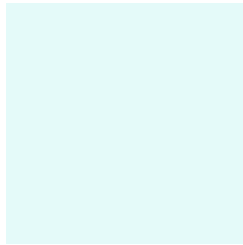
20.9591, 10.7994, 1.2270



1.9521, 1.0046, 0.1712

Previews

White Background



This preview shows how the XYZ color 83.2794, 91.7047, 102.9340 looks on a white background.

Color Contrast Check

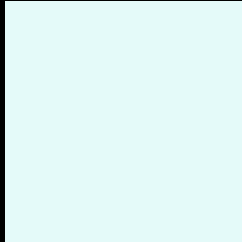
Large Text (above 18pt) WCAG AA × Fail

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 83.2794, 91.7047, 102.9340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

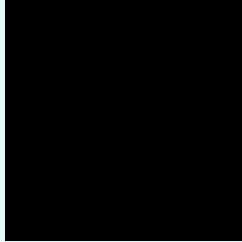
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

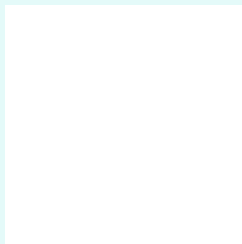
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.2794, 91.7047, 102.9340

Background



This preview shows how black text looks on a background with the XYZ color 83.2794, 91.7047, 102.9340.



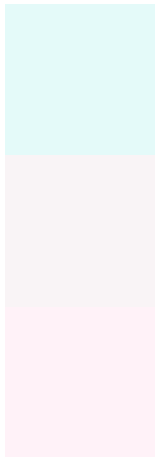
This preview shows how white text looks on a background with the XYZ color 83.2794, 91.7047,

102.9340.

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

83.2794, 91.7047, 102.9340

Protanopia

88.0522, 91.4949, 100.2082

Deuteranopia

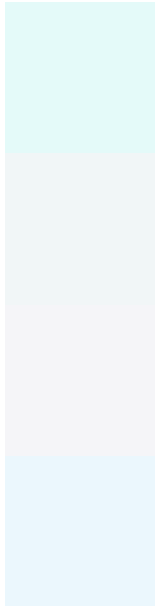
89.9354, 91.5416, 101.7361



Tritanopia

86.6024, 91.4823, 107.7011

Trichromacy



Original Color

83.2794, 91.7047, 102.9340

Protanomaly

86.0199, 91.3277, 101.0900

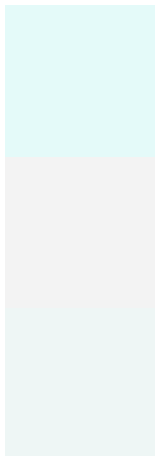
Deuteranomaly

87.2519, 91.4946, 101.8685

Tritanomaly

85.2513, 91.2755, 106.0532

Monochromacy



Original Color

83.2794, 91.7047, 102.9340

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

84.6971, 90.6812, 99.4254

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.2794, 91.7047, 102.9340 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(228, 250, 249)` looks like.

```
.text, #text, p{  
    color:rgb(228, 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(228, 250, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 250, 249) }
```

Border

The CSS property to change the border of an element to XYZ 83.2794, 91.7047, 102.9340 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(228, 250, 249) }
```


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

```
.border{ border-color:rgb(228, 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(228, 250, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 250, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 250, 249);  
box-shadow:4px 4px 4px 4px rgb(228, 250,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 83.2794, 91.7047, 102.9340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 250, 249) }
```

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

```
.background{ background-color: rgb(228,  
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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