

Converting Colors

XYZ(81.1254, 91.3059,
103.4592)

Have a look what the booklet for
XYZ(81.1254, 91.3059, 103.4592)
contains.

XYZ(81.2791, 91.5830, 103.8359)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(81.2791, 91.5830,
103.8359)**

Conversions

Conversions Part 1

Format	Color
Hex	DBFCFA
RGB	219, 252, 250
RGB Percent	86%, 99%, 98%
CMY	0.1412, 0.0117, 0.0196
CMYK	0.13, 0.00, 0.01, 0.01
HSL	176°, 85%, 92%
HSV	176°, 13%, 99%
XYZ	81.2791, 91.5830, 103.8359
YIQ	241.9050, -19.0260, -7.6180

Conversions

Conversions Part 2

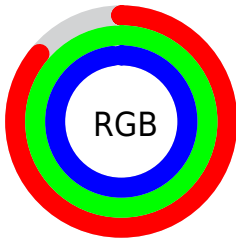
Format	Color
R _Y B	219, 236, 252
Decimal	14417146
CIE Lab	96.65, -10.97, -2.64
CIE LCh	97, 11.283, 193.518
Yxy	91.5830, 0.2937, 0.3310
Android (android.graphics.Color)	4292607226 (0xFFDBFCFA)
YUV	241.9050, 3.9908, -20.0877
Hunter-Lab	95.6990, -15.8696, 2.6581

Details

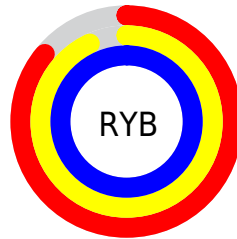
The XYZ color **81.2791, 91.5830, 103.8359** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78.5308, 76.5813, 79.0532**, and the grayscale version is **84.3053, 88.6958, 96.5897**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.5626, 50.8178, 58.4990** is the 20% darker color. If you saturate the color by 10%, you get **74.0259, 87.8739, 102.2510**, and if you desaturate by 10%, it is **89.6872, 95.8922, 105.4889**.

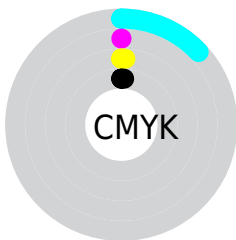
Distribution



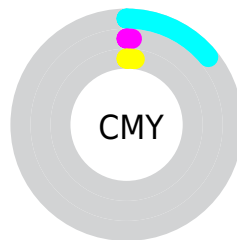
- Red (86%)
- Green (99%)
- Blue (98%)



- Red (86%)
- Yellow (93%)
- Blue (99%)



- Cyan (13%)
- Magenta (0%)
- Yellow (1%)
- Black (1%)



- Cyan (14%)
- Magenta (1%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.2791, 91.5830, 103.8359 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 81.2791, 91.5830, 103.8359 by changing the saturation by 10% instead.

81.2791, 91.5830,
103.8359

81.2791, 91.5830,
103.8359

487.9042,
533.1669, 593.7735

61.0836, 69.2943,
78.8732

134.1037,
149.5353, 168.5164

44.5454, 50.9514,
58.2709

167.4635,
185.9677, 209.0712

31.2993, 36.1700,
41.6103

205.9420,
227.8835, 255.6606

20.9798, 24.5655,
28.4730

249.9048,
275.6671, 308.7030

13.2216, 15.7536,
18.4404

299.7170,
329.7028, 368.6169

7.6594, 9.3500,
11.0939

355.7441,

3.9277, 4.9702,

390.3751, 435.8210

6.0151

418.3514,
458.0684, 510.7337

■ 1.6613, 2.2298,
2.7853

■ 0.4319, 0.7362,
0.9861

■ 81.2791, 91.5830,
103.8359

■ 81.2791, 91.5830,
103.8359

■ 74.0259, 87.8739,
102.2510

■ 89.6872, 95.8922,
105.4889

■ 67.8683, 84.7270,
100.7256

■ 93.7915, 97.9800,
106.9487

■ 62.7537, 82.1174,
99.2591

■ 94.0364, 98.0779,
108.2380

■ 58.6217, 80.0142,
97.8487

■ 94.1021, 98.1042,
108.5840

■ 55.4062, 78.3833,
96.4912

■ 53.0326, 77.1862,
95.1832

■ 51.4148, 76.3784,
93.9206

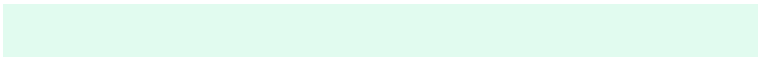
■ 50.4482, 75.9061,
92.6984

■ 50.0552, 75.7215,
91.8734

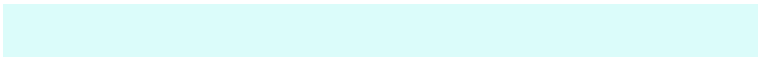
Harmonies

Analogous

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



81.3568, 91.5830, 94.8684



81.2791, 91.5830, 103.8359



82.7202, 91.5830, 112.1700

Triad

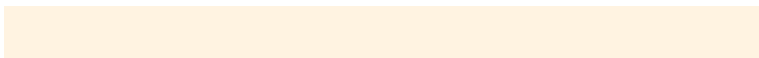
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.2791, 91.5830, 103.8359



91.2925, 91.5830, 112.8592



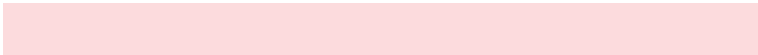
88.7800, 91.5830, 83.9647

Complementary

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



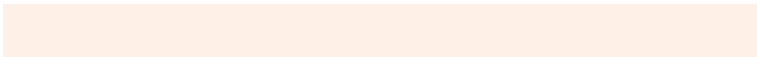
81.2791, 91.5830, 103.8359



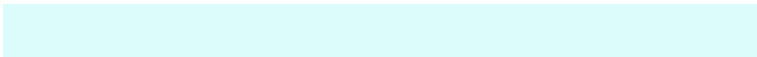
78.5308, 76.5813, 79.0532

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.



91.5219, 91.5830, 88.2240



81.2791, 91.5830, 103.8359



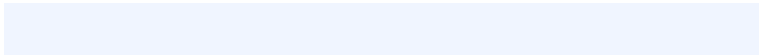
92.9963, 91.5830, 104.7308

Square

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



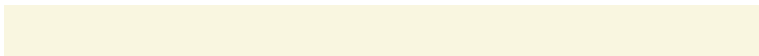
81.2791, 91.5830, 103.8359



88.4730, 91.5830, 117.5881



93.0813, 91.5830, 95.7111



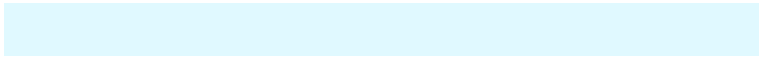
85.6362, 91.5830, 83.7574

Rectangle

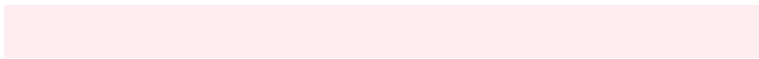
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



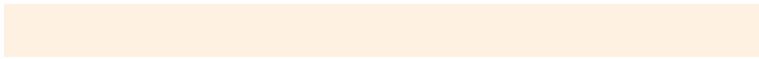
81.2791, 91.5830, 103.8359



84.3689, 91.5830, 116.0965



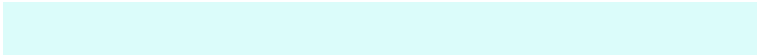
93.0813, 91.5830, 95.7111



89.7810, 91.5830, 84.9578

Sweetspot

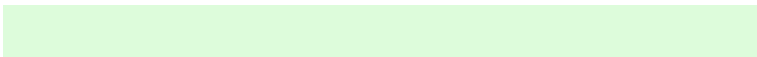
The Sweet Spot groups the original color and five complimentary colors.



81.2817, 91.5868, 103.8379



91.2969, 98.0767, 108.2048



77.4790, 90.1427, 80.3350



19.3949, 20.9175, 23.1325



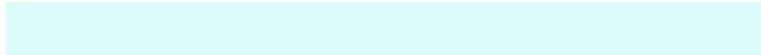
0.0000, 0.0000, 0.0000



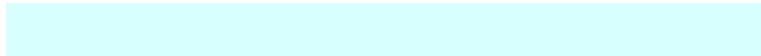
20.3446, 21.4041, 23.3091

Same Dimension

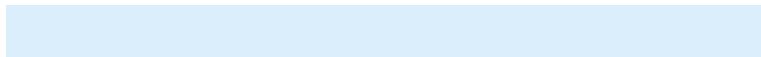
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.2817, 91.5868, 103.8379



81.2037, 92.9077, 106.1837



77.2740, 83.0658, 104.0605



17.7176, 19.5893, 21.9796



26.0933, 39.4503, 47.9620



2.4301, 3.6591, 4.5128

Inverse Universe

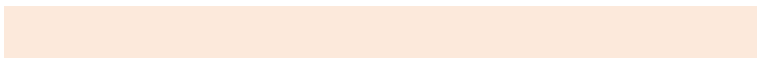
The Inverse Universe completely reimagines the original color for something new.



78.5308, 76.5813, 79.0532



77.8196, 74.4474, 75.6938



82.1582, 84.2609, 78.9530



17.2873, 17.2423, 18.1029



20.9750, 10.8057, 1.3108



1.9572, 1.0066, 0.1978

Previews

White Background



This preview shows how the XYZ color 81.2791, 91.5830, 103.8359 looks on a white background.

Color Contrast Check

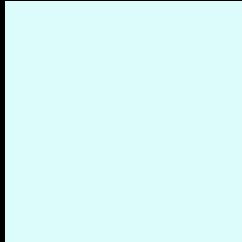
Large Text (above 18pt) WCAG AA × Fail

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 81.2791, 91.5830, 103.8359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

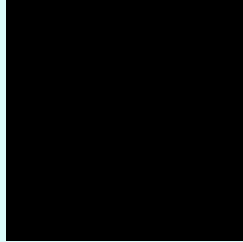
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.2791, 91.5830, 103.8359

Background



This preview shows how black text looks on a background with the XYZ color 81.2791, 91.5830, 103.8359.



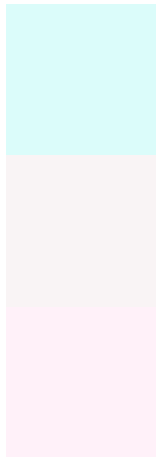
This preview shows how white text looks on a background with the XYZ color 81.2791, 91.5830,

103.8359.

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

81.2791, 91.5830, 103.8359

Protanopia

87.8990, 91.4337, 99.4019

Deuteranopia

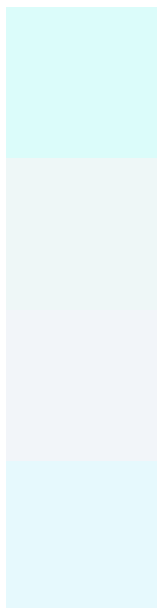
89.7942, 91.0101, 102.4566



Tritanopia

85.9028, 91.5744, 107.7558

Trichromacy



Original Color

81.2791, 91.5830, 103.8359

Protanomaly

85.3092, 91.4141, 101.1441

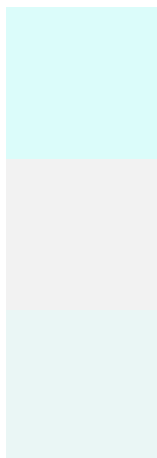
Deuteranomaly

86.3692, 91.0216, 102.6393

Tritanomaly

84.2384, 91.6662, 106.1820

Monochromacy



Original Color

81.2791, 91.5830, 103.8359

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

83.3689, 89.9965, 99.3633

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.2791, 91.5830, 103.8359 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(219, 252, 250)` looks like.

```
.text, #text, p{  
    color:rgb(219, 252, 250)  
}
```

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(219, 252, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 252, 250) }
```

Border

The CSS property to change the border of an element to XYZ 81.2791, 91.5830, 103.8359 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(219, 252, 250) }
```


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

```
.border{ border-color:rgb(219, 252, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 252, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 252, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 252, 250);  
box-shadow:4px 4px 4px 4px rgb(219, 252,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 81.2791, 91.5830, 103.8359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 252, 250) }
```

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

```
.background{ background-color: rgb(219,  
252, 250) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor