

Converting Colors

XYZ(68.2951, 83.1053, 79.4592)

Have a look what the booklet for
XYZ(68.2951, 83.1053, 79.4592)
contains.

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Color

**XYZ(68.2951, 83.1053,
79.4592)**

Conversions

Conversions Part 1

Format	Color
Hex	C2F7DB
RGB	194, 247, 219
RGB Percent	76%, 97%, 86%
CMY	0.2392, 0.0314, 0.1412
CMYK	0.21, 0.00, 0.11, 0.03
HSL	148°, 77%, 86%
HSV	148°, 21%, 97%
XYZ	68.2951, 83.1053, 79.4592
YIQ	227.9610, -22.6000, -19.9440

Conversions

Conversions Part 2

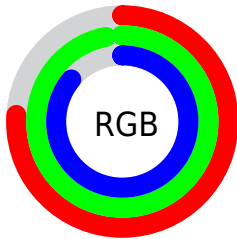
Format	Color
RYB	194, 230, 247
Decimal	12777435
CIELab	93.06, -22.25, 7.97
CIELCh	93, 23.636, 160.288
Yxy	83.1053, 0.2958, 0.3600
Android (android.graphics.Color)	4290967515 (0xFFC2F7DB)
YUV	227.9610, -4.4178, -29.7838
Hunter-Lab	91.1621, -25.8084, 12.1348

Details

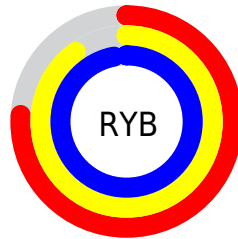
The XYZ color **68.2951, 83.1053, 79.4592** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **70.8373, 63.6338, 77.6600**, and the grayscale version is **73.7593, 77.6005, 84.5070**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **35.9295, 45.0827, 41.9301** is the 20% darker color. If you saturate the color by 10%, you get **60.8240, 79.4469, 70.4908**, and if you desaturate by 10%, it is **76.9592, 87.3677, 89.1901**.

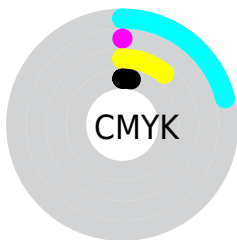
Distribution



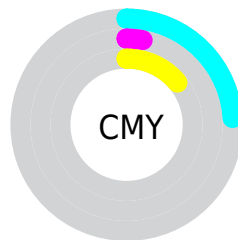
- Red (76%)
- Green (97%)
- Blue (86%)



- Red (76%)
- Yellow (90%)
- Blue (97%)



- Cyan (21%)
- Magenta (0%)
- Yellow (11%)
- Black (3%)



- Cyan (24%)
- Magenta (3%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.2951, 83.1053, 79.4592 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 68.2951, 83.1053, 79.4592 by changing the saturation by 10% instead.

68.2951, 83.1053,
79.4592

68.2951, 83.1053,
79.4592

443.9012,
505.3374, 512.7671

50.4124, 62.2770,
58.7499

115.8138,
137.7229, 134.4096

35.9603, 45.2566,
41.9931

146.1805,
172.2811, 169.4879

24.5735, 31.6596,
28.7704

181.4393,
212.1846, 210.1928

15.8866, 21.1016,
18.6631

221.9554,
257.8180, 256.9430

9.5343, 13.1983,
11.2528

268.0943,
309.5656, 310.1569

5.1512, 7.5652,
6.1208

320.2214,

2.3719, 3.8180,

367.8117, 370.2533

2.8487

378.7019,
432.9409, 437.6504

■ 0.8311, 1.5723,
1.0179

■ 0.0000, 0.3388,
0.0000

■ 68.2951, 83.1053,
79.4592

■ 68.2951, 83.1053,
79.4592

■ 60.8240, 79.4469,
70.4908

■ 76.9592, 87.3677,
89.1901

■ 54.4838, 76.3540,
62.2608

■ 86.8607, 92.2499,
99.6958

■ 49.2174, 73.7998,
54.7516

■ 92.5523, 95.0046,
108.0674

■ 44.9591, 71.7509,
47.9428

■ 41.6363, 70.1702,
41.8132

■ 39.1655, 69.0150,
36.3400

■ 37.4470, 68.2344,
31.4988

■ 36.4441, 67.7973,
27.8426

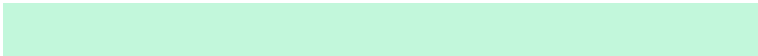
Harmonies

Analogous

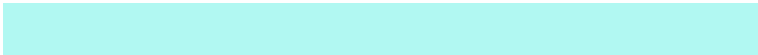
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.5324, 83.1053, 66.8745



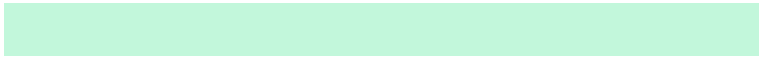
68.2951, 83.1053, 79.4592



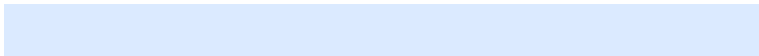
67.8363, 83.1053, 96.7196

Triad

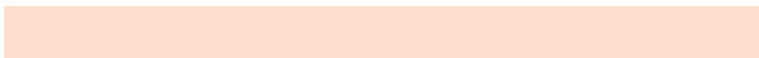
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.2951, 83.1053, 79.4592



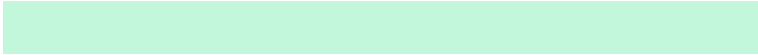
81.1362, 83.1053, 128.3855



88.4307, 83.1053, 70.1675

Complementary

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



68.2951, 83.1053, 79.4592



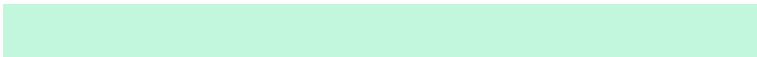
70.8373, 63.6338, 77.6600

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.



91.3018, 83.1053, 84.5291



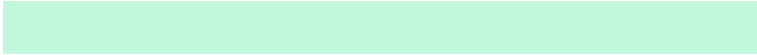
68.2951, 83.1053, 79.4592



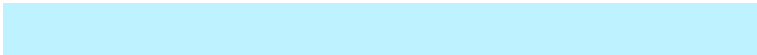
86.9467, 83.1053, 119.0922

Square

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



68.2951, 83.1053, 79.4592



75.0381, 83.1053, 126.5621



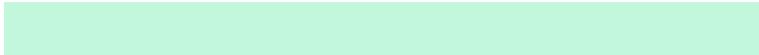
90.7449, 83.1053, 102.4918



83.0764, 83.1053, 62.0156

Rectangle

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



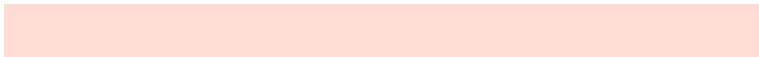
68.2951, 83.1053, 79.4592



69.1409, 83.1053, 108.8114



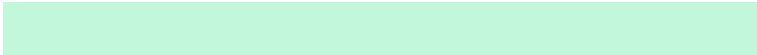
90.7449, 83.1053, 102.4918



89.7306, 83.1053, 74.3457

Sweetspot

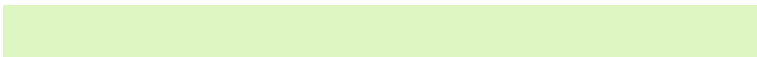
The Sweet Spot groups the original color and five complimentary colors.



68.2974, 83.1088, 79.4611



88.3690, 96.7030, 101.9362



73.2072, 85.9920, 63.7799



18.7653, 20.6248, 21.6602



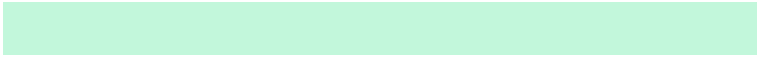
0.0000, 0.0000, 0.0000



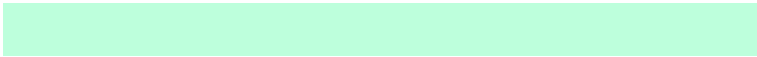
20.3446, 21.4041, 23.3091

Same Dimension

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



68.2974, 83.1088, 79.4611



69.5864, 87.4663, 80.9055



72.0288, 84.6013, 99.1104



16.6076, 18.6022, 19.2179



19.3437, 35.8823, 15.0958



1.7516, 3.1743, 1.5980

Inverse Universe

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



70.8373, 63.6338, 77.6600



72.7909, 62.8933, 78.6312



67.5893, 62.3346, 60.5562



16.8650, 16.6288, 19.0356



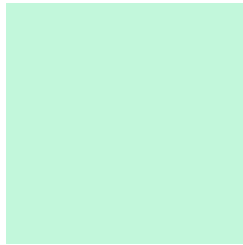
22.5073, 11.3464, 12.6457



2.0301, 1.0180, 1.3849

Previews

White Background



This preview shows how the XYZ color 68.2951, 83.1053, 79.4592 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 68.2951, 83.1053, 79.4592 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

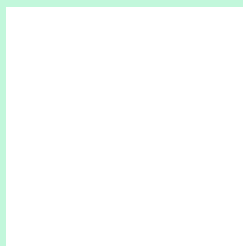
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.2951, 83.1053, 79.4592

Background



This preview shows how black text looks on a background with the XYZ color 68.2951, 83.1053, 79.4592.



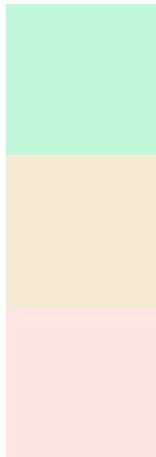
This preview shows how white text looks on a background with the XYZ color 68.2951, 83.1053,

79.4592.

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

68.2951, 83.1053, 79.4592

Protanopia

78.6147, 82.8322, 74.1321

Deuteranopia

82.7109, 82.2378, 83.4657



Tritanopia

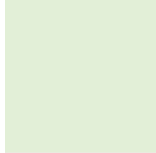
75.5046, 83.0955, 106.6673

Trichromacy



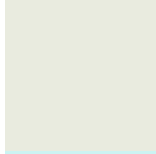
Original Color

68.2951, 83.1053, 79.4592



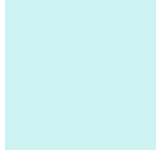
Protanomaly

74.4963, 82.8081, 76.3472



Deuteranomaly

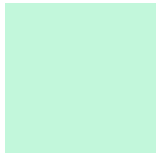
76.6319, 82.0680, 81.6138



Tritanomaly

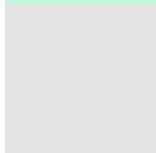
72.9794, 83.3494, 96.2460

Monochromacy



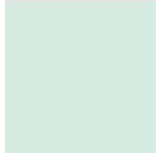
Original Color

68.2951, 83.1053, 79.4592



Achromatopsia

73.7419, 77.5822, 84.4870



Achromatomaly

71.6178, 79.4518, 82.7952

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.2951, 83.1053, 79.4592 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(194, 247, 219)` looks like.

```
.text, #text, p{  
    color:rgb(194, 247, 219)  
}
```

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(194, 247, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 247, 219) }
```

Border

The CSS property to change the border of an element to XYZ 68.2951, 83.1053, 79.4592 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(194, 247, 219) }
```


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

```
.border{ border-color:rgb(194, 247, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 247, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 247, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 247, 219);  
box-shadow:4px 4px 4px 4px rgb(194, 247,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 68.2951, 83.1053, 79.4592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 247, 219) }
```

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

```
.background{ background-color: rgb(194,  
247, 219) }
```

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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