

Converting Colors

XYZ(85.4509, 105.2146,
87.6431)

Have a look what the booklet for
XYZ(85.4509, 105.2146, 87.6431)
contains.

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Color

**XYZ(79.0027, 92.2266,
85.5891)**

Conversions

Conversions Part 1

Format	Color
Hex	DCFFE2
RGB	220, 255, 226
RGB Percent	86%, 100%, 89%
CMY	0.1372, 0.0000, 0.1137
CMYK	0.14, 0.00, 0.11, 0.00
HSL	130°, 100%, 93%
HSV	130°, 14%, 100%
XYZ	79.0027, 92.2266, 85.5891
YIQ	241.2290, -11.5510, -16.4390

Conversions

Conversions Part 2

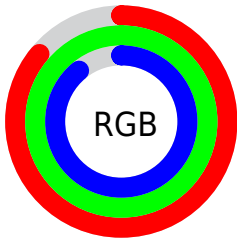
Format	Color
R _Y B	220, 250, 255
Decimal	14483426
CIE Lab	96.91, -16.58, 10.10
CIE LCh	97, 19.411, 148.653
Yxy	92.2266, 0.3076, 0.3591
Android (android.graphics.Color)	4292673506 (0xFFDCFFE2)
YUV	241.2290, -7.5079, -18.6178
Hunter-Lab	96.0347, -21.2181, 14.3832

Details

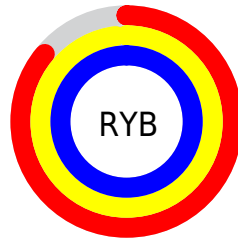
The XYZ color **79.0027, 92.2266, 85.5891** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **83.9326, 79.2869, 100.5026**, and the grayscale version is **83.8528, 88.2197, 96.0713**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0618, 51.3278, 46.1657** is the 20% darker color. If you saturate the color by 10%, you get **69.1414, 87.4575, 70.9145**, and if you desaturate by 10%, it is **90.4001, 97.7463, 102.2034**.

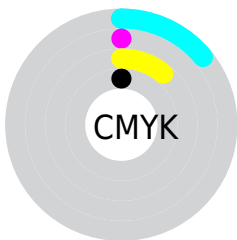
Distribution



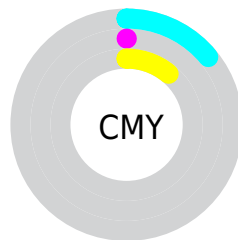
- Red (86%)
- Green (100%)
- Blue (89%)



- Red (86%)
- Yellow (98%)
- Blue (100%)



- Cyan (14%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)





- Cyan (14%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.0027, 92.2266, 85.5891 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 79.0027, 92.2266, 85.5891 by changing the saturation by 10% instead.


 79.0027, 92.2266,
85.5891

 79.0027, 92.2266,
85.5891


480.3534,
535.2476, 533.7707

 59.2037, 69.8289,
63.7753


130.9206,
150.4274, 143.0774

 43.0241, 51.3870,
46.0237


163.7701,
186.9993, 179.5890

 30.0986, 36.5167,
31.9157


201.7005,
229.0646, 221.8369

 20.0619, 24.8335,
21.0328

245.0772,
277.0079, 270.2398

 12.5486, 15.9531,
12.9565

294.2655,
331.2134, 325.2160

 7.1933, 9.4909,
7.2682

349.6307,

 3.6307, 5.0628,

392.0656, 387.1842

3.5494

411.5382,
459.9489, 456.5629

■ 1.4954, 2.2841,
1.3816

■ 0.3227, 0.7653,
0.1273

■ 79.0027, 92.2266,
85.5891

■ 79.0027, 92.2266,
85.5891

■ 69.1414, 87.4575,
70.9145

■ 90.4001, 97.7463,
102.2034

■ 60.7476, 83.4052,
58.1047

95.0500, 100.0000,
108.9000

■ 53.7514, 80.0352,
47.0860

■ 48.0756, 77.3094,
37.7788

■ 43.6360, 75.1861,
30.0967

■ 40.3381, 73.6187,
23.9465

■ 38.0735, 72.5534,
19.2248

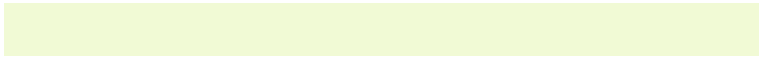
■ 36.7116, 71.9253,
15.8158

■ 36.2093, 71.6997,
14.2861

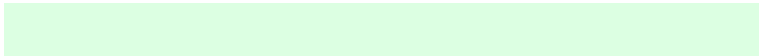
Harmonies

Analogous

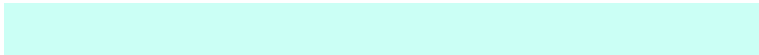
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.7249, 92.2266, 76.2984



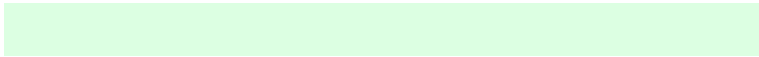
79.0027, 92.2266, 85.5891



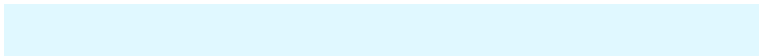
77.5855, 92.2266, 99.7147

Triad

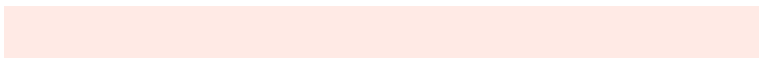
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.0027, 92.2266, 85.5891



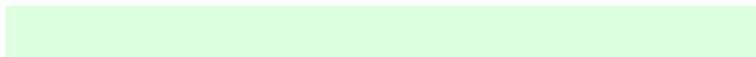
87.4123, 92.2266, 133.5422



97.1886, 92.2266, 86.6932

Complementary

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



79.0027, 92.2266, 85.5891



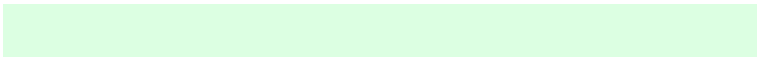
83.9326, 79.2869, 100.5026

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.



98.5679, 92.2266, 101.1268



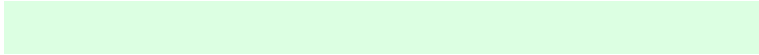
79.0027, 92.2266, 85.5891



92.7847, 92.2266, 129.1527

Square

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



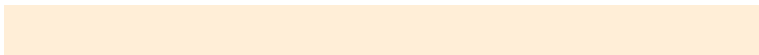
79.0027, 92.2266, 85.5891



82.3147, 92.2266, 128.3195



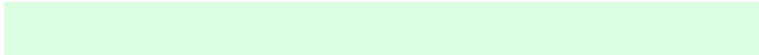
96.9248, 92.2266, 116.8702



93.2289, 92.2266, 76.8878

Rectangle

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



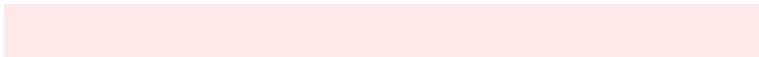
79.0027, 92.2266, 85.5891



78.0918, 92.2266, 110.3361



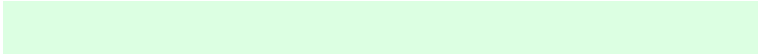
96.9248, 92.2266, 116.8702



97.9765, 92.2266, 91.1148

Sweetspot

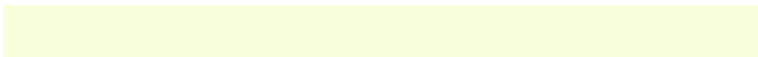
The Sweet Spot groups the original color and five complimentary colors.



79.0035, 92.2270, 85.5905



90.0654, 97.5841, 101.7196



87.8050, 96.8578, 81.7790



19.0832, 20.7928, 21.4908



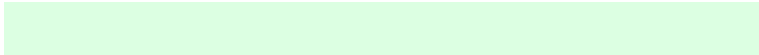
0.0000, 0.0000, 0.0000



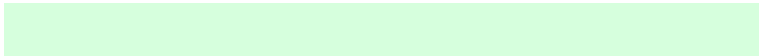
20.3446, 21.4041, 23.3091

Same Dimension

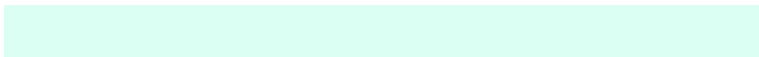
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.0035, 92.2270, 85.5905



76.6271, 91.0771, 82.0837



81.5039, 93.2272, 98.7576



17.8986, 20.2190, 19.7692



18.9569, 37.4794, 7.6584



1.8793, 3.6627, 0.9224

Inverse Universe

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



83.9326, 79.2869, 100.5026



82.2813, 76.2321, 99.1888



81.3520, 78.2547, 86.9138



18.6511, 18.2438, 22.0458



27.7602, 13.5934, 33.7174



2.7366, 1.3370, 3.4604

Previews

White Background



This preview shows how the XYZ color 79.0027, 92.2266, 85.5891 looks on a white background.

Color Contrast Check

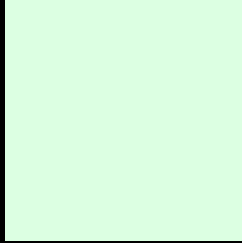
Large Text (above 18pt) WCAG AA × Fail

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 79.0027, 92.2266, 85.5891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

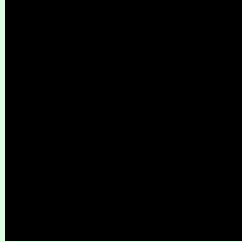
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

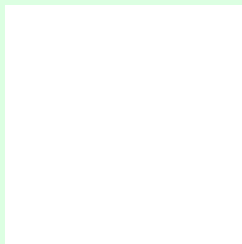
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.0027, 92.2266, 85.5891

Background



This preview shows how black text looks on a background with the XYZ color 79.0027, 92.2266, 85.5891.



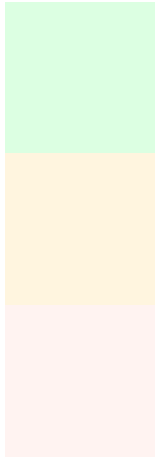
This preview shows how white text looks on a background with the XYZ color 79.0027, 92.2266,

85.5891.

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

79.0027, 92.2266, 85.5891

Protanopia

87.2117, 91.8925, 82.9525

Deuteranopia

89.1678, 91.7121, 96.2216



Tritanopia

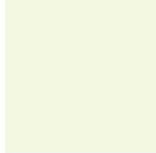
86.9074, 92.0923, 107.8028

Trichromacy



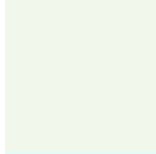
Original Color

79.0027, 92.2266, 85.5891



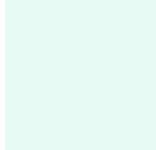
Protanomaly

83.9482, 92.0104, 83.8563



Deuteranomaly

85.0190, 91.4549, 92.5285



Tritanomaly

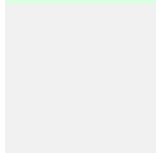
83.7935, 92.0587, 98.9407

Monochromacy



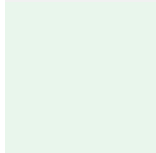
Original Color

79.0027, 92.2266, 85.5891



Achromatopsia

83.6081, 87.9622, 95.7909



Achromatomaly

81.7004, 89.2913, 92.2858

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.0027, 92.2266, 85.5891 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(220, 255, 226)` looks like.

```
.text, #text, p{  
    color:rgb(220, 255, 226)  
}
```

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(220, 255, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 255, 226) }
```

Border

The CSS property to change the border of an element to XYZ 79.0027, 92.2266, 85.5891 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(220, 255, 226) }
```


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

```
.border{ border-color:rgb(220, 255, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 255, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 255, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 255, 226);  
box-shadow:4px 4px 4px 4px rgb(220, 255,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 79.0027, 92.2266, 85.5891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 255, 226) }
```

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

```
.background{ background-color: rgb(220,  
255, 226) }
```

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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