

Converting Colors

XYZ(79.3495, 92.3589, 87.7093)

Have a look what the booklet for
XYZ(79.3495, 92.3589, 87.7093)
contains.

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Color

**XYZ(79.4181, 92.3928,
87.7766)**

Conversions

Conversions Part 1

Format	Color
Hex	DCFFE5
RGB	220, 255, 229
RGB Percent	86%, 100%, 90%
CMY	0.1372, 0.0000, 0.1020
CMYK	0.14, 0.00, 0.10, 0.00
HSL	135°, 100%, 93%
HSV	135°, 14%, 100%
XYZ	79.4181, 92.3928, 87.7766
YIQ	241.5710, -12.5140, -15.5060

Conversions

Conversions Part 2

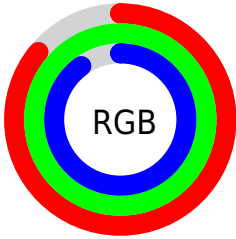
Format	Color
R_{YB}	220, 248, 255
Decimal	14483429
CIE _{Lab}	96.98, -16.05, 8.66
CIE _{LCh}	97, 18.233, 151.659
Yxy	92.3928, 0.3059, 0.3559
Android (android.graphics.Color)	4292673509 (0xFFDCFFE5)
YUV	241.5710, -6.1975, -18.9178
Hunter-Lab	96.1212, -20.7302, 13.1420

Details

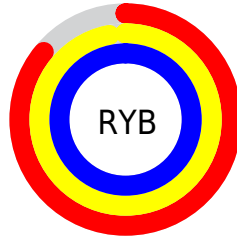
The XYZ color **79.4181, 92.3928, 87.7766** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **83.4682, 79.1012, 98.0574**, and the grayscale version is **84.1132, 88.4936, 96.3695**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3511, 51.4435, 47.6891** is the 20% darker color. If you saturate the color by 10%, you get **69.7774, 87.7120, 74.2642**, and if you desaturate by 10%, it is **90.5262, 97.7967, 102.8671**.

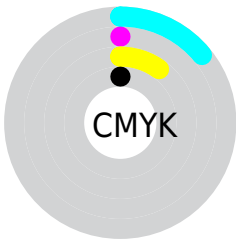
Distribution



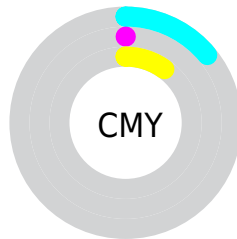
- Red (86%)
- Green (100%)
- Blue (90%)



- Red (86%)
- Yellow (97%)
- Blue (100%)



- Cyan (14%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)





- Cyan (14%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.4181, 92.3928, 87.7766 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 79.4181, 92.3928, 87.7766 by changing the saturation by 10% instead.


 79.4181, 92.3928,
87.7766

 79.4181, 92.3928,
87.7766


481.7361,
535.7842, 541.1537

 59.5464, 69.9669,
65.5748

131.5021,
150.6577, 146.1545

 43.3012, 51.4996,
47.4730


164.4452,
187.2655, 183.1677

 30.3171, 36.6063,
33.0527


202.4761,
229.3694, 225.9550

 20.2286, 24.9028,
21.8954

245.9603,
277.3538, 274.9351

 12.6706, 16.0047,
13.5825

295.2630,
331.6031, 330.5265

 7.2775, 9.5275,
7.6954

350.7496,

 3.6841, 5.0868,

392.5016, 393.1477

3.8157

412.7855,
460.4339, 463.2173

■ 1.5250, 2.2983,
1.5248

■ 0.3428, 0.7728,
0.2363

■ 79.4181, 92.3928,
87.7766

■ 79.4181, 92.3928,
87.7766

■ 69.7774, 87.7120,
74.2642

■ 90.5262, 97.7967,
102.8671

■ 61.5395, 83.7220,
62.2744

95.0500, 100.0000,
108.9000

■ 54.6380, 80.3898,
51.7549

■ 49.0005, 77.6793,
42.6488

■ 44.5473, 75.5506,
34.8953

■ 41.1894, 73.9592,
28.4294

■ 38.8246, 72.8538,
23.1804

■ 37.3297, 72.1726,
19.0704

■ 36.7309, 71.9084,
17.0328

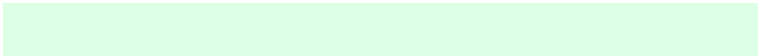
Harmonies

Analogous

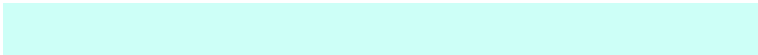
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.7406, 92.3928, 78.4196



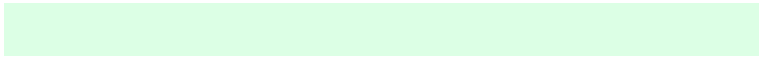
79.4181, 92.3928, 87.7766



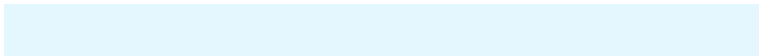
78.3214, 92.3928, 101.4199

Triad

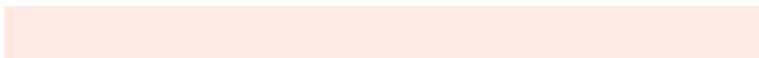
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.4181, 92.3928, 87.7766



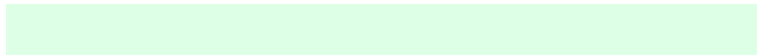
88.1024, 92.3928, 131.5616



96.4829, 92.3928, 86.4898

Complementary

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



79.4181, 92.3928, 87.7766



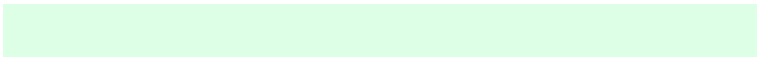
83.4682, 79.1012, 98.0574

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.



98.0498, 92.3928, 99.7847



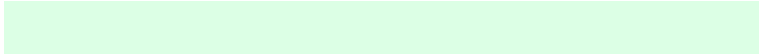
79.4181, 92.3928, 87.7766



93.0960, 92.3928, 126.6120

Square

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



79.4181, 92.3928, 87.7766



83.2168, 92.3928, 127.5675



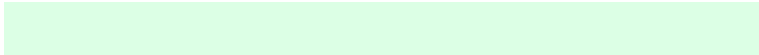
96.7872, 92.3928, 114.6153



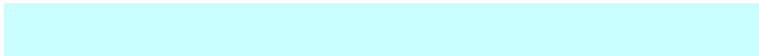
92.5829, 92.3928, 77.7291

Rectangle

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



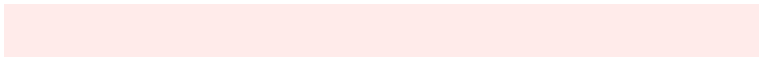
79.4181, 92.3928, 87.7766



78.9645, 92.3928, 111.3904



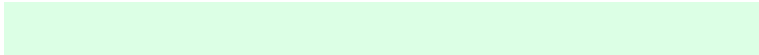
96.7872, 92.3928, 114.6153



97.3066, 92.3928, 90.5301

Sweetspot

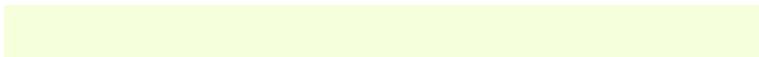
The Sweet Spot groups the original color and five complimentary colors.



79.4189, 92.3932, 87.7780



90.2003, 97.6381, 102.4303



86.7725, 96.3256, 81.7307



19.1172, 20.8064, 21.6701



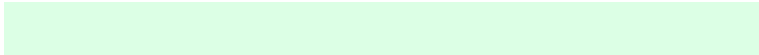
0.0000, 0.0000, 0.0000



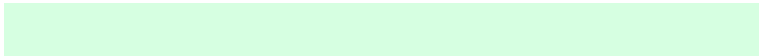
20.3446, 21.4041, 23.3091

Same Dimension

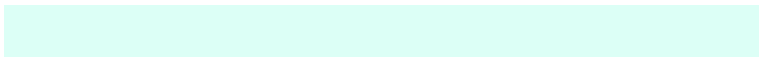
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.4189, 92.3932, 87.7780



77.0986, 91.2657, 84.5667



81.9488, 93.4051, 101.1003



17.9632, 20.2448, 20.1094



19.2436, 37.5940, 9.1681



1.9158, 3.6773, 1.1146

Inverse Universe

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



83.4682, 79.1012, 98.0574



81.7436, 76.0170, 96.3572



80.9418, 78.0906, 84.7537



18.5814, 18.2159, 21.6789



26.4364, 13.0638, 26.7461



2.6184, 1.2897, 2.8381

Previews

White Background



This preview shows how the XYZ color 79.4181, 92.3928, 87.7766 looks on a white background.

Color Contrast Check

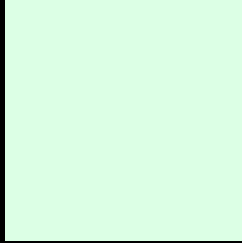
Large Text (above 18pt) WCAG AA × Fail

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 79.4181, 92.3928, 87.7766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

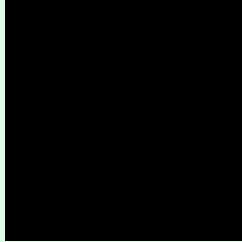
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

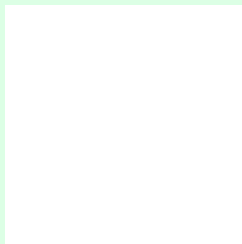
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.4181, 92.3928, 87.7766

Background



This preview shows how black text looks on a background with the XYZ color 79.4181, 92.3928, 87.7766.



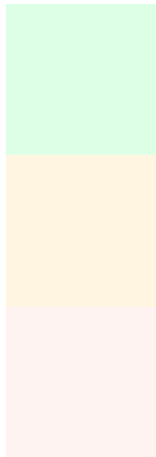
This preview shows how white text looks on a background with the XYZ color 79.4181, 92.3928,

87.7766.

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

79.4181, 92.3928, 87.7766

Protanopia

87.4830, 92.0011, 84.3813

Deuteranopia

89.3176, 91.7720, 97.0106



Tritanopia

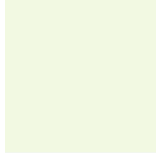
86.9074, 92.0923, 107.8028

Trichromacy



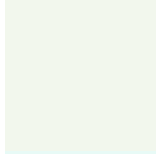
Original Color

79.4181, 92.3928, 87.7766



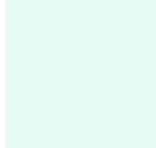
Protanomaly

84.2211, 92.1196, 85.2934



Deuteranomaly

85.1648, 91.5132, 93.2959



Tritanomaly

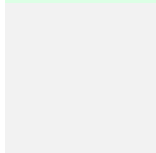
84.0989, 92.1808, 100.5490

Monochromacy



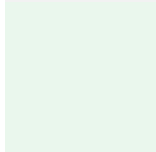
Original Color

79.4181, 92.3928, 87.7766



Achromatopsia

84.3971, 88.7923, 96.6948



Achromatomaly

82.4785, 90.1284, 93.1702

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4181, 92.3928, 87.7766 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, 229)` looks like.

```
.text, #text, p{  
    color:rgb(220, 255, 229)  
}
```

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, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 255, 229) }
```

Border

The CSS property to change the border of an element to XYZ 79.4181, 92.3928, 87.7766 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, 229) }
```


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

```
.border{ border-color:rgb(220, 255, 229) }
```

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, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 255, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 255, 229);  
box-shadow:4px 4px 4px 4px rgb(220, 255,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4181, 92.3928, 87.7766 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, 229) }
```

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

```
.background{ background-color: rgb(220,  
255, 229) }
```

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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