

Converting Colors

XYZ(124.7485, 182.7222,
100.2070)

Have a look what the booklet for
XYZ(124.7485, 182.7222, 100.2070)
contains.

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Color

**XYZ(79.4748, 92.4858,
84.8969)**

Conversions

Conversions Part 1

Format	Color
Hex	DEFFE1
RGB	222, 255, 225
RGB Percent	87%, 100%, 88%
CMY	0.1294, 0.0000, 0.1176
CMYK	0.13, 0.00, 0.12, 0.00
HSL	125°, 100%, 94%
HSV	125°, 13%, 100%
XYZ	79.4748, 92.4858, 84.8969
YIQ	241.7130, -10.0380, -16.3260

Conversions

Conversions Part 2

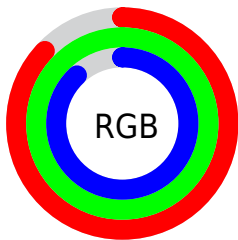
Format	Color
R _Y B	222, 252, 255
Decimal	14614497
CIE Lab	97.02, -16.10, 10.78
CIE LCh	97, 19.374, 146.195
Yxy	92.4858, 0.3094, 0.3601
Android (android.graphics.Color)	4292804577 (0xFFDEFFE1)
YUV	241.7130, -8.2395, -17.2883
Hunter-Lab	96.1695, -20.7837, 14.9784

Details

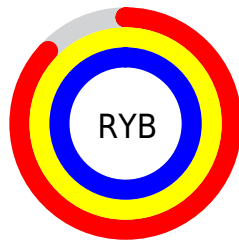
The XYZ color **79.4748, 92.4858, 84.8969** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **84.9323, 80.5317, 103.1630**, and the grayscale version is **84.2395, 88.6265, 96.5143**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3861, 51.5059, 45.6852** is the 20% darker color. If you saturate the color by 10%, you get **69.2951, 87.5789, 69.0179**, and if you desaturate by 10%, it is **91.2667, 98.1742, 103.0954**.

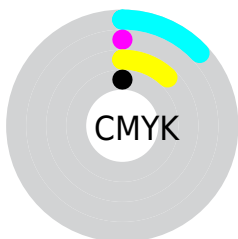
Distribution



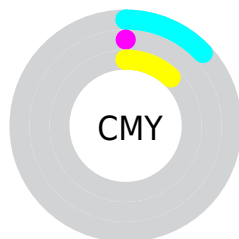
- Red (87%)
- Green (100%)
- Blue (88%)



- Red (87%)
- Yellow (99%)
- Blue (100%)



- Cyan (13%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)





- Cyan (13%)
- Magenta (0%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.4748, 92.4858, 84.8969 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 79.4748, 92.4858, 84.8969 by changing the saturation by 10% instead.


 79.4748, 92.4858,
84.8969

 79.4748, 92.4858,
84.8969


481.9246,
536.0843, 531.4225

 59.5932, 70.0442,
63.2065


131.5815,
150.7865, 142.1020

 43.3391, 51.5626,
45.5662


164.5373,
187.4144, 178.4538

 30.3469, 36.6565,
31.5575


202.5820,
229.5399, 220.5299

 20.2514, 24.9417,
20.7617

246.0808,
277.5473, 268.7487

 12.6873, 16.0336,
12.7604

295.3991,
331.8210, 323.5288

 7.2891, 9.5479,
7.1350

350.9022,

 3.6915, 5.1003,

392.7455, 385.2888

3.4669

412.9557,
460.7052, 454.4472

■ 1.5291, 2.3062,
1.3377

■ 0.3455, 0.7770,
0.0924

■ 79.4748, 92.4858,
84.8969

■ 79.4748, 92.4858,
84.8969

■ 69.2951, 87.5789,
69.0179

■ 91.2667, 98.1742,
103.0954

■ 60.6551, 83.4182,
55.3611

95.0500, 100.0000,
108.9000

■ 53.4805, 79.9674,
43.8287

■ 47.6897, 77.1867,
34.3140

■ 43.1931, 75.0325,
26.7009

■ 39.8906, 73.4558,
20.8617

■ 37.6671, 72.4004,
16.6528

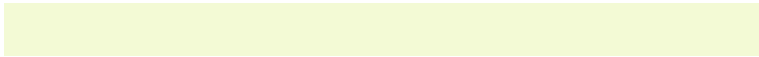
■ 36.3849, 71.7988,
13.9085

■ 35.9165, 71.5826,
12.7442

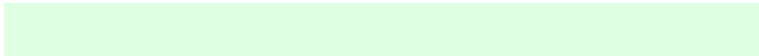
Harmonies

Analogous

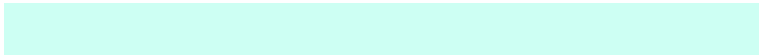
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.3560, 92.4858, 76.0819



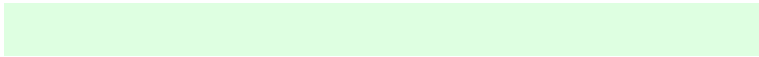
79.4748, 92.4858, 84.8969



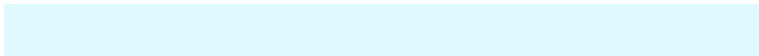
77.8497, 92.4858, 98.7211

Triad

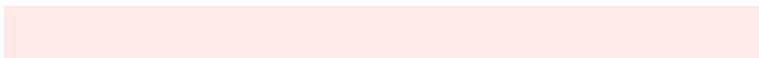
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.4748, 92.4858, 84.8969



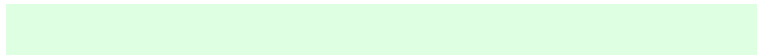
87.2108, 92.4858, 133.7442



97.6558, 92.4858, 88.0154

Complementary

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



79.4748, 92.4858, 84.8969



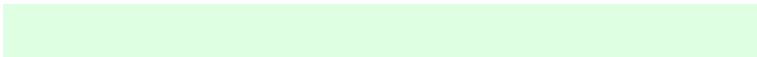
84.9323, 80.5317, 103.1630

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.



98.7908, 92.4858, 102.7078



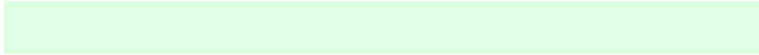
79.4748, 92.4858, 84.8969



92.6165, 92.4858, 130.1299

Square

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



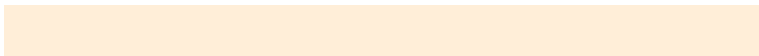
79.4748, 92.4858, 84.8969



82.1979, 92.4858, 127.7793



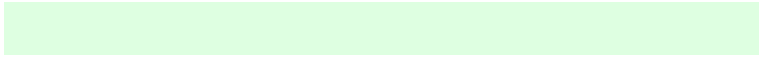
96.9112, 92.4858, 118.3547



93.8703, 92.4858, 77.7475

Rectangle

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



79.4748, 92.4858, 84.8969



78.2128, 92.4858, 109.3134



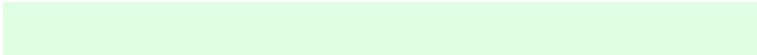
96.9112, 92.4858, 118.3547



98.3665, 92.4858, 92.5538

Sweetspot

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



79.4756, 92.4862, 84.8983



89.9392, 97.5336, 101.0551



89.1806, 97.5362, 83.2344



19.0514, 20.7800, 21.3234



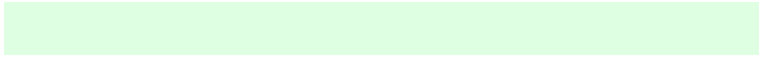
0.0000, 0.0000, 0.0000



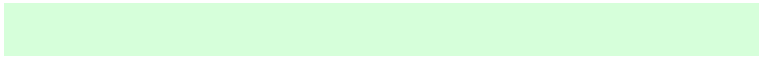
20.3446, 21.4041, 23.3091

Same Dimension

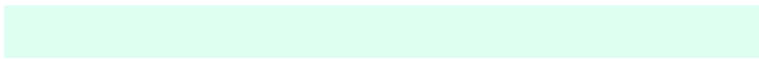
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.4756, 92.4862, 84.8983



76.1930, 90.9035, 79.7980



81.7994, 93.4157, 97.1353



17.8386, 20.1950, 19.4532



18.7896, 37.4124, 6.7774



1.8511, 3.6514, 0.7737

Inverse Universe

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



84.9323, 80.5317, 103.1630



82.7956, 76.4378, 101.8971



82.4659, 79.5451, 90.1746



18.7172, 18.2702, 22.3941



29.1752, 14.1594, 41.1687



2.8607, 1.3866, 4.1137

Previews

White Background



This preview shows how the XYZ color 79.4748, 92.4858, 84.8969 looks on a white background.

Color Contrast Check

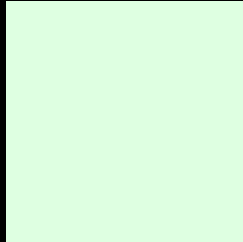
Large Text (above 18pt) WCAG AA × Fail

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 79.4748, 92.4858, 84.8969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

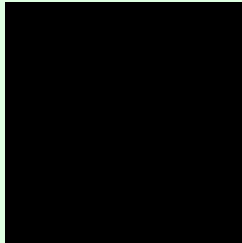
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

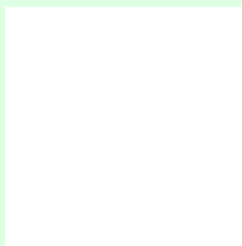
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.4748, 92.4858, 84.8969

Background



This preview shows how black text looks on a background with the XYZ color 79.4748, 92.4858, 84.8969.



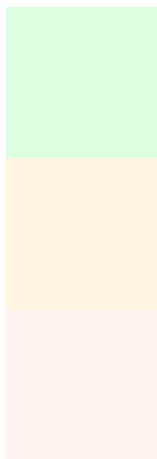
This preview shows how white text looks on a background with the XYZ color 79.4748, 92.4858,

84.8969.

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

79.4748, 92.4858, 84.8969

Protanopia

87.3470, 91.9466, 83.6648

Deuteranopia

89.4679, 92.3122, 96.3217

Tritanopia

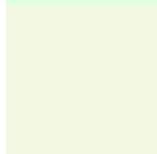
87.2459, 92.2668, 107.8187

Trichromacy



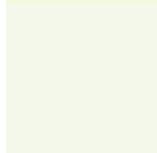
Original Color

79.4748, 92.4858, 84.8969



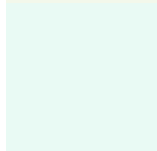
Protanomaly

84.2924, 92.1879, 83.8724



Deuteranomaly

85.5249, 92.1876, 91.8836



Tritanomaly

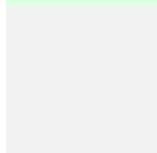
84.1190, 92.2265, 98.9559

Monochromacy



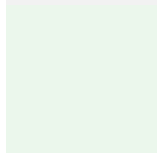
Original Color

79.4748, 92.4858, 84.8969



Achromatopsia

84.3971, 88.7923, 96.6948



Achromatomaly

82.6620, 90.2398, 92.4182

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4748, 92.4858, 84.8969 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(222, 255, 225)` looks like.

```
.text, #text, p{  
    color:rgb(222, 255, 225)  
}
```

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(222, 255, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 255, 225) }
```

Border

The CSS property to change the border of an element to XYZ 79.4748, 92.4858, 84.8969 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(222, 255, 225) }
```


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

```
.border{ border-color:rgb(222, 255, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 255, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 255, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 255, 225);  
box-shadow:4px 4px 4px 4px rgb(222, 255,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4748, 92.4858, 84.8969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 255, 225) }
```

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

```
.background{ background-color: rgb(222,  
255, 225) }
```

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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