

Converting Colors

XYZ(80.0124, 92.7766, 84.3034)

Have a look what the booklet for
XYZ(80.0124, 92.7766, 84.3034)
contains.

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Color

**XYZ(79.9550, 92.7491,
84.2093)**

Conversions

Conversions Part 1

Format	Color
Hex	E0FFE0
RGB	224, 255, 224
RGB Percent	88%, 100%, 88%
CMY	0.1216, 0.0000, 0.1216
CMYK	0.12, 0.00, 0.12, 0.00
HSL	120°, 100%, 94%
HSV	120°, 12%, 100%
XYZ	79.9550, 92.7491, 84.2093
YIQ	242.1970, -8.5250, -16.2130

Conversions

Conversions Part 2

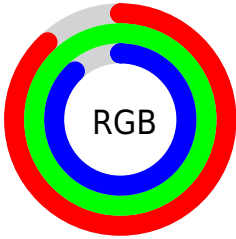
Format	Color
RYB	224, 255, 255
Decimal	14745568
CIELab	97.13, -15.61, 11.46
CIElCh	97, 19.370, 143.717
Yxy	92.7491, 0.3112, 0.3610
Android (android.graphics.Color)	4292935648 (0xFFE0FFE0)
YUV	242.1970, -8.9711, -15.9588
Hunter-Lab	96.3063, -20.3426, 15.5718

Details

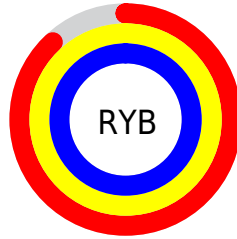
The XYZ color **79.9550, 92.7491, 84.2093** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **85.9460, 81.7920, 105.8649**, and the grayscale version is **84.6272, 89.0344, 96.9585**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.7177, 51.6878, 45.2087** is the 20% darker color. If you saturate the color by 10%, you get **69.4322, 87.6945, 66.9977**, and if you desaturate by 10%, it is **92.1831, 98.6229, 104.2108**.

Distribution



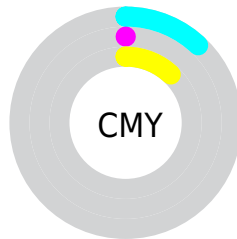
- Red (88%)
- Green (100%)
- Blue (88%)



- Red (88%)
- Yellow (100%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.9550, 92.7491, 84.2093 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 79.9550, 92.7491, 84.2093 by changing the saturation by 10% instead.

79.9550, 92.7491,
84.2093

79.9550, 92.7491,
84.2093

483.5200,
536.9336, 529.0842

59.9897, 70.2630,
62.6419

132.2533,
151.1512, 141.1323

43.6597, 51.7410,
45.1124

165.3170,
187.8360, 177.3249

30.5999, 36.7986,
31.2024

203.4775,
230.0224, 219.2296

20.4447, 25.0516,
20.4932

247.1002,
278.0949, 267.2650

12.8288, 16.1155,
12.5665

296.5505,
332.4379, 321.8496

7.3870, 9.6059,
7.0035

352.1936,

3.7537, 5.1385,

393.4358, 383.4020

3.3858

414.3950,
461.4728, 452.3407

■ 1.5638, 2.3287,
1.2948

■ 0.3686, 0.7889,
0.0576

■ 79.9550, 92.7491,
84.2093

■ 79.9550, 92.7491,
84.2093

■ 69.4322, 87.6945,
66.9977

■ 92.1831, 98.6229,
104.2108

■ 60.5370, 83.4216,
52.4480

95.0500, 100.0000,
108.9000

■ 53.1888, 79.8919,
40.4286

■ 47.2993, 77.0629,
30.7953

■ 42.7714, 74.8879,
23.3890

■ 39.4961, 73.3146,
18.0315

■ 37.3478, 72.2827,
14.5174

■ 36.1748, 71.7193,
12.5987

■ 35.7600, 71.5200,
11.9201

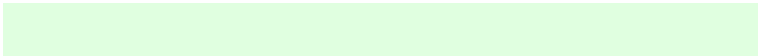
Harmonies

Analogous

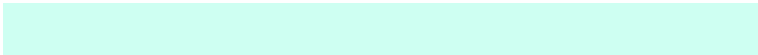
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.9969, 92.7491, 75.8708



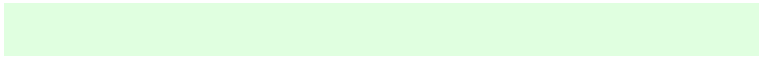
79.9550, 92.7491, 84.2093



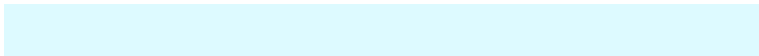
78.1198, 92.7491, 97.7311

Triad

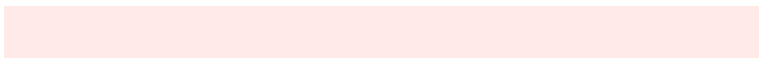
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.9550, 92.7491, 84.2093



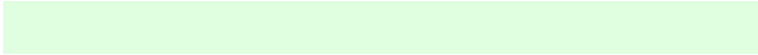
87.0106, 92.7491, 133.9434



98.1275, 92.7491, 89.3633

Complementary

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



79.9550, 92.7491, 84.2093



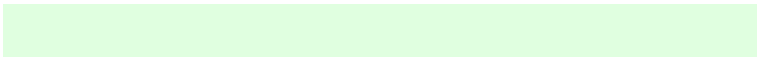
85.9460, 81.7920, 105.8649

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.



99.0153, 92.7491, 104.3165



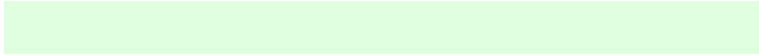
79.9550, 92.7491, 84.2093



92.4486, 92.7491, 131.1142

Square

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



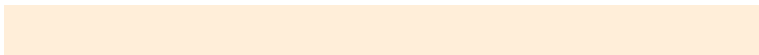
79.9550, 92.7491, 84.2093



82.0834, 92.7491, 127.2345



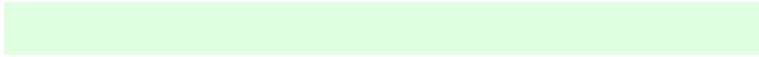
96.8978, 92.7491, 119.8594



94.5194, 92.7491, 78.6245

Rectangle

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



79.9550, 92.7491, 84.2093



78.3382, 92.7491, 108.2918



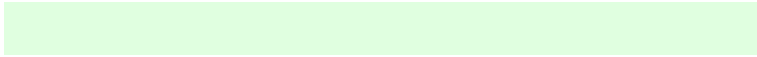
96.8978, 92.7491, 119.8594



98.7600, 92.7491, 94.0202

Sweetspot

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



79.9557, 92.7494, 84.2107



89.7974, 97.4769, 100.3084



90.4547, 98.1619, 84.7017



19.0157, 20.7658, 21.1354



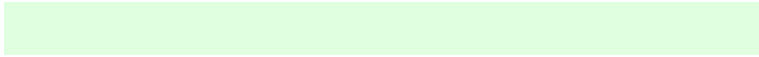
0.0000, 0.0000, 0.0000



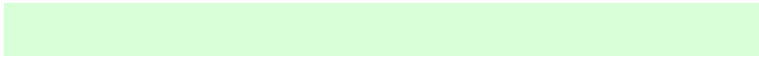
20.3446, 21.4041, 23.3091

Same Dimension

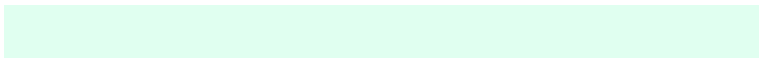
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.9557, 92.7494, 84.2107



76.7930, 91.2302, 79.0375



82.1550, 93.6292, 95.7919



17.7717, 20.1682, 19.1006



18.6854, 37.3707, 6.2286



1.8193, 3.6387, 0.6065

Inverse Universe

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



85.9460, 81.7920, 105.8649



84.0384, 77.9769, 105.2289



83.5501, 80.8337, 93.2486



18.7927, 18.3004, 22.7917



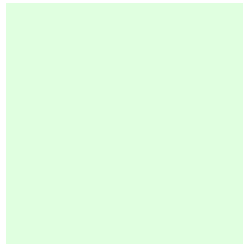
30.9799, 14.8813, 50.6722



3.0164, 1.4489, 4.9338

Previews

White Background



This preview shows how the XYZ color 79.9550, 92.7491, 84.2093 looks on a white background.

Color Contrast Check

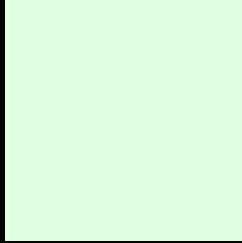
Large Text (above 18pt) WCAG AA × Fail

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 79.9550, 92.7491, 84.2093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

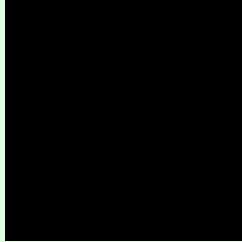
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

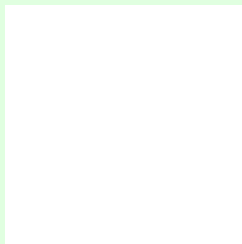
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.9550, 92.7491, 84.2093

Background



This preview shows how black text looks on a background with the XYZ color 79.9550, 92.7491, 84.2093.



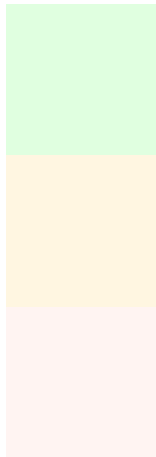
This preview shows how white text looks on a background with the XYZ color 79.9550, 92.7491,

84.2093.

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

79.9550, 92.7491, 84.2093

Protanopia

87.7864, 92.6078, 84.4824

Deuteranopia

89.6177, 92.3722, 97.1107

Tritanopia

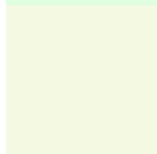
87.5864, 92.4423, 107.8346

Trichromacy



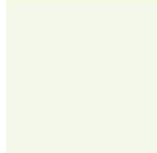
Original Color

79.9550, 92.7491, 84.2093



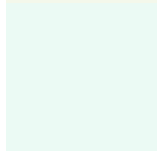
Protanomaly

84.7745, 92.4207, 84.6050



Deuteranomaly

85.8710, 92.3661, 91.8998



Tritanomaly

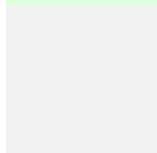
84.7757, 92.5650, 98.9866

Monochromacy



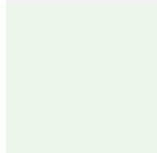
Original Color

79.9550, 92.7491, 84.2093



Achromatopsia

84.3971, 88.7923, 96.6948



Achromatomaly

82.5171, 90.1819, 91.6550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.9550, 92.7491, 84.2093 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(224, 255, 224)` looks like.

```
.text, #text, p{  
    color:rgb(224, 255, 224)  
}
```

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(224, 255, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 255, 224) }
```

Border

The CSS property to change the border of an element to XYZ 79.9550, 92.7491, 84.2093 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(224, 255, 224) }
```


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

```
.border{ border-color:rgb(224, 255, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 255, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 255, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 255, 224);  
box-shadow:4px 4px 4px 4px rgb(224, 255,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 79.9550, 92.7491, 84.2093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 255, 224) }
```

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

```
.background{ background-color: rgb(224,  
255, 224) }
```

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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