

Converting Colors

XYZ(82.8275, 100.0000,
80.9991)

Have a look what the booklet for
XYZ(82.8275, 100.0000, 80.9991)
contains.

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Color

**XYZ(79.1554, 92.4292,
79.9984)**

Conversions

Conversions Part 1

Format	Color
Hex	E0FFDA
RGB	224, 255, 218
RGB Percent	88%, 100%, 85%
CMY	0.1216, 0.0000, 0.1451
CMYK	0.12, 0.00, 0.15, 0.00
HSL	110°, 100%, 93%
HSV	110°, 15%, 100%
XYZ	79.1554, 92.4292, 79.9984
YIQ	241.5130, -6.5990, -18.0790

Conversions

Conversions Part 2

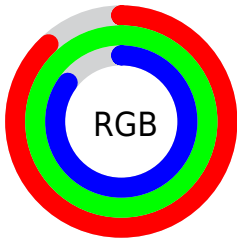
Format	Color
R _{YB}	218, 255, 249
Decimal	14745562
CIE _{Lab}	97.00, -16.63, 14.35
CIE _{LCh}	97, 21.967, 139.211
Y _{xy}	92.4292, 0.3146, 0.3674
Android (android.graphics.Color)	4292935642 (0xFFE0FFDA)
YUV	241.5130, -11.5919, -15.3589
Hunter-Lab	96.1401, -21.2801, 17.9627

Details

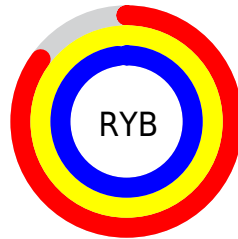
The XYZ color **79.1554, 92.4292, 79.9984** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **82.1890, 77.5037, 105.2356**, and the grayscale version is **84.1052, 88.4852, 96.3604**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1671, 51.4675, 42.3094** is the 20% darker color. If you saturate the color by 10%, you get **69.8599, 87.9936, 63.4638**, and if you desaturate by 10%, it is **89.7978, 97.4999, 99.2786**.

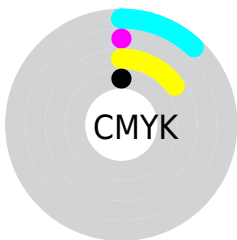
Distribution



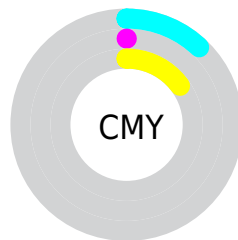
- Red (88%)
- Green (100%)
- Blue (85%)



- Red (85%)
- Yellow (100%)
- Blue (98%)



- Cyan (12%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)





- Cyan (12%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.1554, 92.4292, 79.9984 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 79.1554, 92.4292, 79.9984 by changing the saturation by 10% instead.


 79.1554, 92.4292,
79.9984

 79.1554, 92.4292,
79.9984

480.8619,
535.9017, 514.6341

 59.3297, 69.9972,
59.1909


131.1344,
150.7081, 135.1749

 43.1259, 51.5242,
42.3458


164.0183,
187.3238, 170.3809

 30.1789, 36.6260,
29.0445


201.9857,
229.4361, 211.2235

 20.1232, 24.9180,
18.8687

245.4019,
277.4295, 258.1212

 12.5934, 16.0160,
11.3996

294.6323,
331.6884, 311.4926

 7.2242, 9.5355,
6.2187

350.0422,

 3.6503, 5.0921,

392.5971, 371.7561

2.9076

411.9969,
460.5401, 439.3305

■ 1.5063, 2.3014,
1.0476

■ 0.3301, 0.7744,
0.0000

■ 79.1554, 92.4292,
79.9984

■ 79.1554, 92.4292,
79.9984

■ 69.8599, 87.9936,
63.4638

■ 89.7978, 97.4999,
99.2786

■ 61.8551, 84.1667,
49.5459

95.0500, 100.0000,
108.9000

■ 55.0837, 80.9220,
38.1119

■ 49.4836, 78.2306,
29.0156

■ 44.9868, 76.0609,
22.0955

■ 41.5183, 74.3783,
17.1696

■ 38.9931, 73.1435,
14.0263

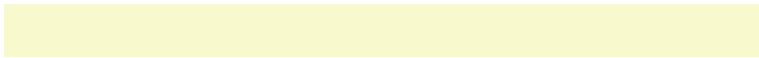
■ 37.3118, 72.3108,
12.4064

■ 36.6885, 71.9987,
11.9635

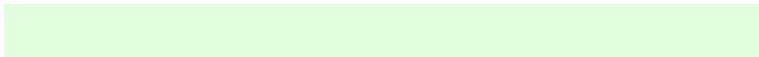
Harmonies

Analogous

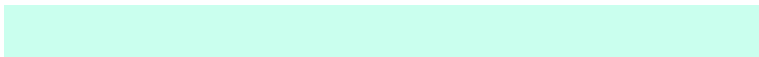
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.9977, 92.4292, 71.7942



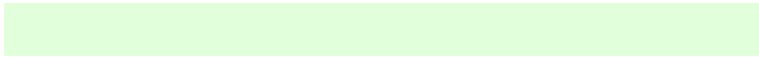
79.1554, 92.4292, 79.9984



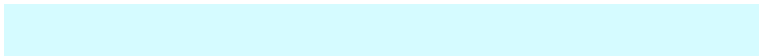
76.6843, 92.4292, 94.4006

Triad

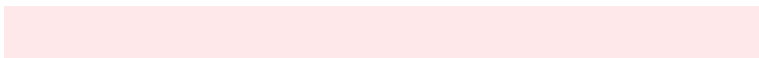
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.1554, 92.4292, 79.9984



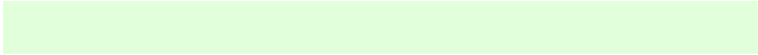
85.6448, 92.4292, 137.9210



99.5608, 92.4292, 89.8486

Complementary

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



79.1554, 92.4292, 79.9984



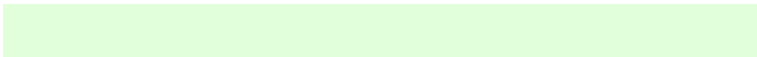
82.1890, 77.5037, 105.2356

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.



100.0527, 92.4292, 107.1478



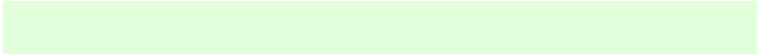
79.1554, 92.4292, 79.9984



91.8207, 92.4292, 136.3308

Square

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



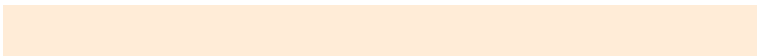
79.1554, 92.4292, 79.9984



80.3124, 92.4292, 128.6767



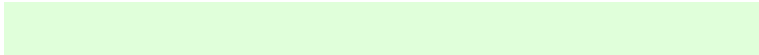
97.1616, 92.4292, 124.5572



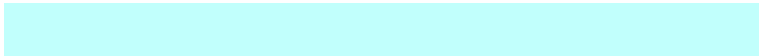
95.8475, 92.4292, 77.0032

Rectangle

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



79.1554, 92.4292, 79.9984



76.6324, 92.4292, 106.1877



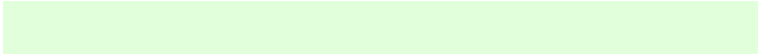
97.1616, 92.4292, 124.5572



100.1147, 92.4292, 95.2884

Sweetspot

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



79.1561, 92.4296, 79.9998



90.3764, 97.7754, 100.3354



87.7195, 93.9707, 79.8459



19.1615, 20.8409, 21.1422



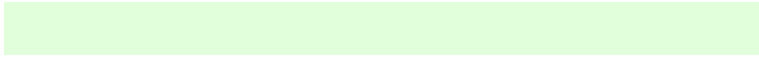
0.0000, 0.0000, 0.0000



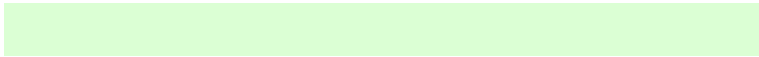
20.3446, 21.4041, 23.3091

Same Dimension

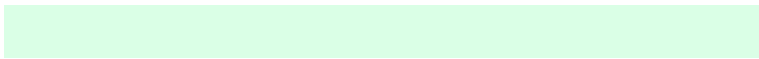
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.1561, 92.4296, 79.9998



76.7166, 91.2662, 75.6289



79.0041, 92.1577, 88.7339



18.0459, 20.3096, 19.1133



19.2508, 37.6622, 6.2549



1.9487, 3.7054, 0.6125

Inverse Universe

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



82.1890, 77.5037, 105.2356



80.2070, 74.0832, 104.6799



82.4394, 77.8549, 95.2134



18.4864, 18.1425, 22.7775



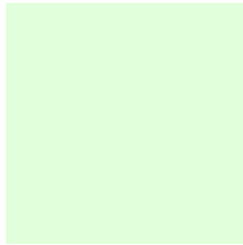
23.9762, 11.2707, 50.3464



2.4083, 1.1354, 4.9055

Previews

White Background



This preview shows how the XYZ color 79.1554, 92.4292, 79.9984 looks on a white background.

Color Contrast Check

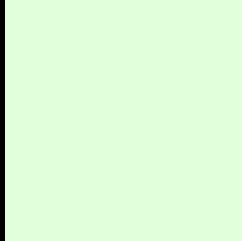
Large Text (above 18pt) WCAG AA × Fail

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 79.1554, 92.4292, 79.9984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

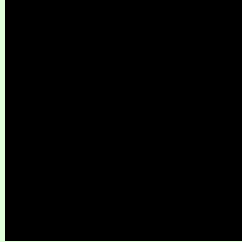
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

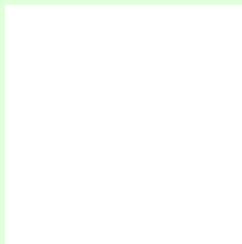
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.1554, 92.4292, 79.9984

Background



This preview shows how black text looks on a background with the XYZ color 79.1554, 92.4292, 79.9984.



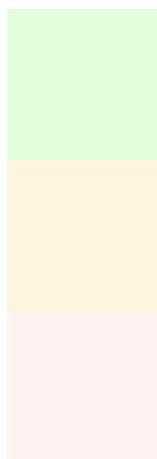
This preview shows how white text looks on a background with the XYZ color 79.1554, 92.4292,

79.9984.

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

79.1554, 92.4292, 79.9984

Protanopia

87.0772, 91.8387, 82.2444

Deuteranopia

89.3189, 92.2526, 95.5370



Tritanopia

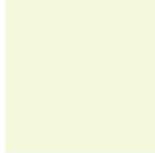
87.2459, 92.2668, 107.8187

Trichromacy



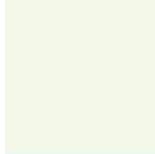
Original Color

79.1554, 92.4292, 79.9984



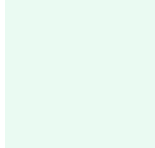
Protanomaly

84.2351, 92.2049, 81.7643



Deuteranomaly

85.4411, 92.1941, 89.6359



Tritanomaly

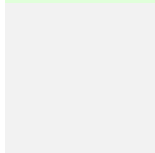
84.1443, 92.2744, 97.3803

Monochromacy



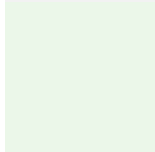
Original Color

79.1554, 92.4292, 79.9984



Achromatopsia

84.3971, 88.7923, 96.6948



Achromatomaly

82.2297, 90.0669, 90.1415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.1554, 92.4292, 79.9984 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, 218)` looks like.

```
.text, #text, p{  
    color:rgb(224, 255, 218)  
}
```

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, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 255, 218) }
```

Border

The CSS property to change the border of an element to XYZ 79.1554, 92.4292, 79.9984 is called "border". The border property can be set on classes, ids or directly on the HTML element.

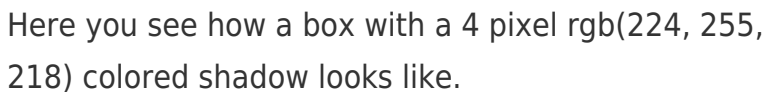
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(224, 255, 218) }
```


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

```
.border{ border-color:rgb(224, 255, 218) }
```

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, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 255, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 255, 218);  
box-shadow:4px 4px 4px 4px rgb(224, 255,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 79.1554, 92.4292, 79.9984 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, 218) }
```

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

```
.background{ background-color: rgb(224,  
255, 218) }
```

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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