

Converting Colors

XYZ(82.8351, 100.0000,
75.0848)

Have a look what the booklet for
XYZ(82.8351, 100.0000, 75.0848)
contains.

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Color

**XYZ(79.2635, 92.6174,
74.0209)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E4FFD1 |
| RGB | 228, 255, 209 |
| RGB Percent | 89%, 100%, 82% |
| CMY | 0.1059, 0.0000, 0.1804 |
| CMYK | 0.11, 0.00, 0.18, 0.00 |
| HSL | 95°, 100%, 91% |
| HSV | 95°, 18%, 100% |
| XYZ | 79.2635, 92.6174, 74.0209 |
| YIQ | 241.6830, -1.3260, -20.0300 |

Conversions

Conversions Part 2

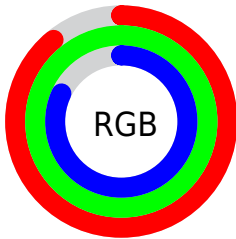
| Format | Color |
|-------------------------------------|--|
| RYB | 209, 255, 236 |
| Decimal | 15007697 |
| CIELab | 97.07, -16.75, 19.09 |
| CIELCh | 97, 25.398, 131.254 |
| Yxy | 92.6174, 0.3223, 0.3766 |
| Android (android.graphics.Color) | 4293197777 (0xFFE4FFD1) |
| YUV | 241.6830, -16.1127, -12.0000 |
| Hunter-Lab | 96.2379, -21.4002, 21.7640 |

Details

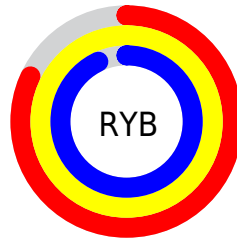
The XYZ color **79.2635, 92.6174, 74.0209** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **75.4434, 70.6550, 104.2692**, and the grayscale version is **84.2710, 88.6596, 96.5503**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0401, 51.4919, 38.2423** is the 20% darker color. If you saturate the color by 10%, you get **71.8099, 89.1110, 58.4896**, and if you desaturate by 10%, it is **87.6348, 96.5385, 92.2356**.

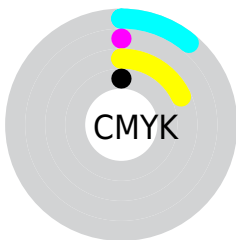
Distribution



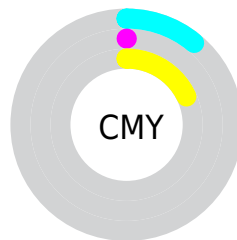
- Red (89%)
- Green (100%)
- Blue (82%)



- Red (82%)
- Yellow (100%)
- Blue (93%)



- Cyan (11%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)





- Cyan (11%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.2635, 92.6174, 74.0209 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 79.2635, 92.6174, 74.0209 by changing the saturation by 10% instead.


 79.2635, 92.6174,
74.0209

 79.2635, 92.6174,
74.0209

481.2217,
536.5089, 493.7108

 59.4189, 70.1535,
54.3143


131.2857,
150.9688, 126.6598

 43.1981, 51.6517,
38.4581


164.1940,
187.6251, 160.4290

 30.2357, 36.7275,
26.0338


202.1876,
229.7811, 199.7229

 20.1666, 24.9966,
16.6229

245.6317,
277.8210, 244.9600

 12.6251, 16.0745,
9.8069

294.8919,
332.1294, 296.5588

 7.2461, 9.5769,
5.1672

350.3334,

 3.6642, 5.1193,

393.0906, 354.9379

2.2852

412.3215,
461.0889, 420.5157

■ 1.5140, 2.3175,
0.7229

■ 0.3353, 0.7829,
0.0000

■ 79.2635, 92.6174,
74.0209

■ 79.2635, 92.6174,
74.0209

■ 71.8099, 89.1110,
58.4896

■ 87.6348, 96.5385,
92.2356

■ 65.2378, 86.0034,
45.5106

95.0500, 100.0000,
108.9000

■ 59.5112, 83.2791,
34.9483

■ 54.5903, 80.9208,
26.6526

■ 50.4319, 78.9099,
20.4568

■ 46.9876, 77.2256,
16.1712

■ 44.2019, 75.8442,
13.5719

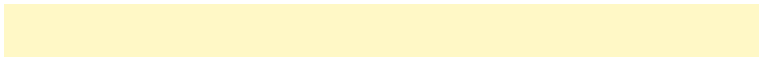
■ 42.0035, 74.7355,
12.3552

■ 41.6239, 74.5430,
12.1944

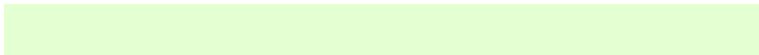
Harmonies

Analogous

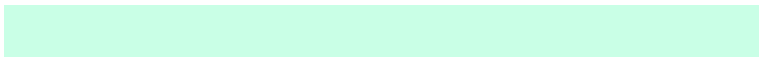
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.3714, 92.6174, 66.9174



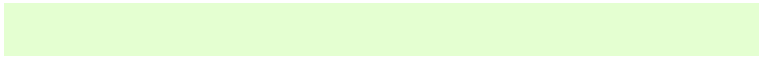
79.2635, 92.6174, 74.0209



75.6304, 92.6174, 88.7010

Triad

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



79.2635, 92.6174, 74.0209



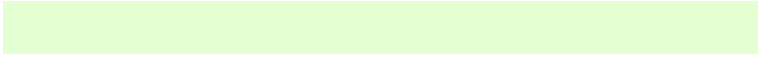
83.6809, 92.6174, 142.9617



102.2293, 92.6174, 93.3464

Complementary

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



79.2635, 92.6174, 74.0209



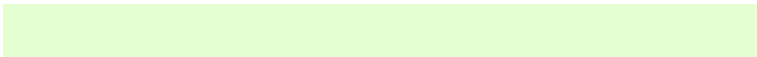
75.4434, 70.6550, 104.2692

Split Complementary

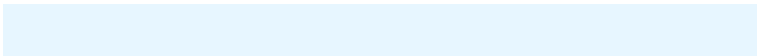
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



101.7159, 92.6174, 114.0488



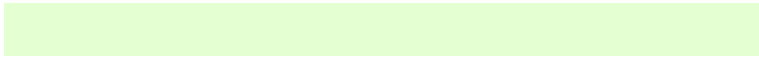
79.2635, 92.6174, 74.0209



90.7433, 92.6174, 144.6503

Square

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



79.2635, 92.6174, 74.0209



78.0838, 92.6174, 129.1308



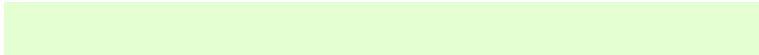
97.4203, 92.6174, 133.4726



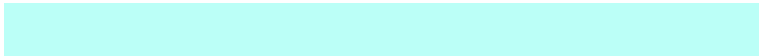
98.7870, 92.6174, 77.0237

Rectangle

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



79.2635, 92.6174, 74.0209



74.9755, 92.6174, 101.7097



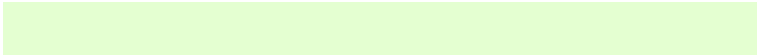
97.4203, 92.6174, 133.4726



102.5183, 92.6174, 99.9844

Sweetspot

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



79.2641, 92.6177, 74.0223



90.3647, 97.8140, 98.3187



82.6966, 85.7590, 72.5175



19.2050, 20.8723, 20.7382



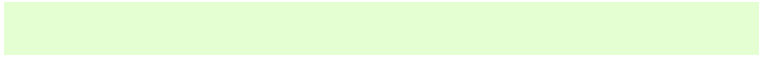
0.0000, 0.0000, 0.0000



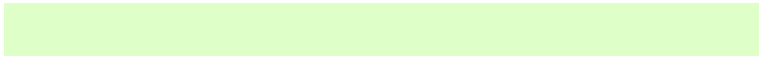
20.3446, 21.4041, 23.3091

Same Dimension

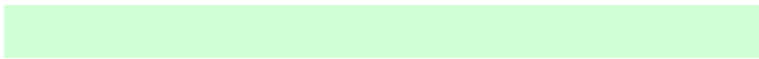
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.2641, 92.6177, 74.0223



76.2033, 91.1798, 67.5551



74.0444, 89.8713, 76.2856



18.4822, 20.5345, 19.1338



21.9093, 39.0327, 6.3793



2.2538, 3.8627, 0.6268

Inverse Universe

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



75.4434, 70.6550, 104.2692



71.6735, 65.1480, 103.4050



81.4799, 73.8375, 101.3624



18.0249, 17.9046, 22.7559



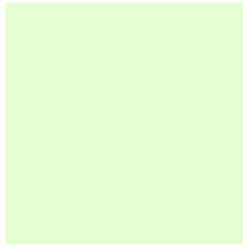
16.1463, 7.2342, 49.9799



1.6964, 0.7684, 4.8722

Previews

White Background



This preview shows how the XYZ color 79.2635, 92.6174, 74.0209 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 79.2635, 92.6174, 74.0209 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

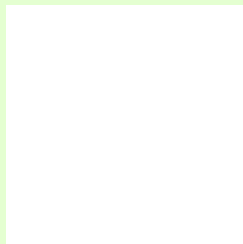
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.2635, 92.6174, 74.0209

Background



This preview shows how black text looks on a background with the XYZ color 79.2635, 92.6174, 74.0209.



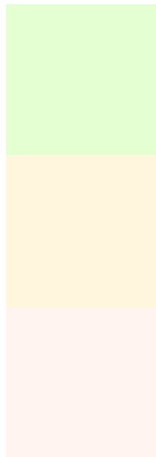
This preview shows how white text looks on a background with the XYZ color 79.2635, 92.6174,

74.0209.

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

79.2635, 92.6174, 74.0209

Protanopia

87.2469, 92.3920, 81.6416

Deuteranopia

89.1707, 92.1934, 94.7567

Tritanopia

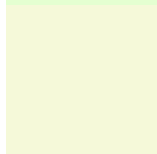
87.9287, 92.6188, 107.8506

Trichromacy



Original Color

79.2635, 92.6174, 74.0209



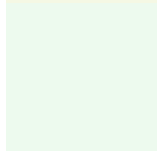
Protanomaly

84.0563, 92.1736, 79.0067



Deuteranomaly

85.2272, 92.1487, 86.6933



Tritanomaly

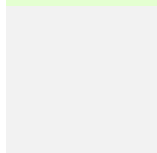
84.5433, 92.5488, 94.2967

Monochromacy



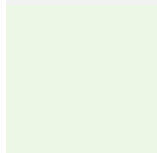
Original Color

79.2635, 92.6174, 74.0209



Achromatopsia

84.3971, 88.7923, 96.6948



Achromatomaly

82.4687, 90.2392, 87.9343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.2635, 92.6174, 74.0209 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(228, 255, 209)` looks like.

```
.text, #text, p{  
    color:rgb(228, 255, 209)  
}
```

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(228, 255, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 255, 209) }
```

Border

The CSS property to change the border of an element to XYZ 79.2635, 92.6174, 74.0209 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(228, 255, 209) }
```


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

```
.border{ border-color:rgb(228, 255, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 255, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 255, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 255, 209);  
box-shadow:4px 4px 4px 4px rgb(228, 255,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2635, 92.6174, 74.0209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 255, 209) }
```

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

```
.background{ background-color: rgb(228,  
255, 209) }
```

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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