

Converting Colors

XYZ(79.3401, 92.7170, 71.3089)

Have a look what the booklet for
XYZ(79.3401, 92.7170, 71.3089)
contains.

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Color

**XYZ(79.4126, 92.7508,
71.4748)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E6FFCD |
| RGB | 230, 255, 205 |
| RGB Percent | 90%, 100%, 80% |
| CMY | 0.0980, 0.0000, 0.1961 |
| CMYK | 0.10, 0.00, 0.20, 0.00 |
| HSL | 90°, 100%, 90% |
| HSV | 90°, 20%, 100% |
| XYZ | 79.4126, 92.7508, 71.4748 |
| YIQ | 241.8250, 1.1500, -20.8500 |

Conversions

Conversions Part 2

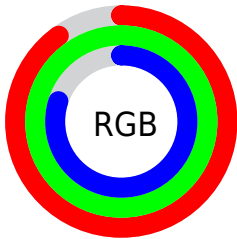
| Format | Color |
|-------------------------------------|---------------------------------|
| R _Y B | 205, 255, 230 |
| Decimal | 15138765 |
| CIE Lab | 97.13, -16.69, 21.23 |
| CIE LCh | 97, 27.001, 128.170 |
| Yxy | 92.7508, 0.3259, 0.3807 |
| Android (android.graphics.Color) | 4293328845 (0xFFE6FFCD) |
| YUV | 241.8250, -18.1547, -10.3705 |
| Hunter-Lab | 96.3072, -21.3508, 23.4127 |

Details

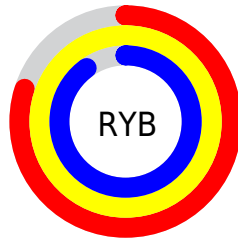
The XYZ color **79.4126, 92.7508, 71.4748** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **72.5153, 67.7068, 103.8545**, and the grayscale version is **84.3975, 88.7928, 96.6953**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2356, 51.6212, 36.9633** is the 20% darker color. If you saturate the color by 10%, you get **72.6375, 89.5852, 56.3779**, and if you desaturate by 10%, it is **86.9899, 96.2718, 89.2306**.

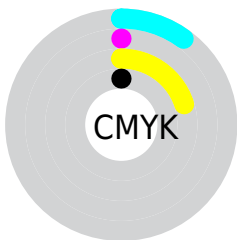
Distribution



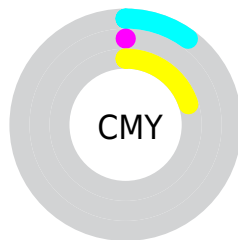
- Red (90%)
- Green (100%)
- Blue (80%)



- Red (80%)
- Yellow (100%)
- Blue (90%)



- Cyan (10%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)



- Cyan (10%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.4126, 92.7508, 71.4748 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 79.4126, 92.7508, 71.4748 by changing the saturation by 10% instead.

79.4126, 92.7508,
71.4748

79.4126, 92.7508,
71.4748

481.7178,
536.9391, 484.6398

59.5419, 70.2644,
52.2455

131.4944,
151.1536, 123.0103

43.2976, 51.7421,
36.8172

164.4363,
187.8387, 156.1536

30.3142, 36.7996,
24.7713

202.4659,
230.0255, 194.7721

20.2264, 25.0523,
15.6893

245.9486,
278.0985, 239.2842

12.6690, 16.1161,
9.1526

295.2498,
332.4419, 290.1084

7.2764, 9.6063,
4.7427

350.7348,

3.6834, 5.1387,

393.4402, 347.6635

2.0410

412.7690,
461.4778, 412.3677

■ 1.5246, 2.3289,
0.5803

■ 0.3425, 0.7889,
0.0000

■ 79.4126, 92.7508,
71.4748

■ 79.4126, 92.7508,
71.4748

■ 72.6375, 89.5852,
56.3779

■ 86.9899, 96.2718,
89.2306

■ 66.6323, 86.7614,
43.8075

95.0500, 100.0000,
108.9000

■ 61.3647, 84.2658,
33.6265

■ 56.7989, 82.0831,
25.6825

■ 52.8959, 80.1971,
19.8062

■ 49.6115, 78.5891,
15.8035

■ 46.8943, 77.2378,
13.4438

■ 44.6677, 76.1115,
12.3655

■ 44.5870, 76.0705,
12.3331

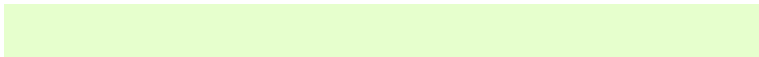
Harmonies

Analogous

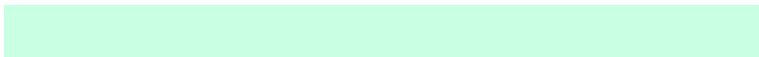
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.0920, 92.7508, 64.9031



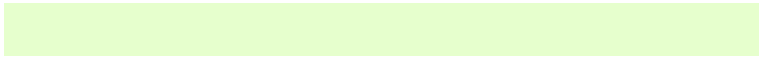
79.4126, 92.7508, 71.4748



75.2491, 92.7508, 86.1829

Triad

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



79.4126, 92.7508, 71.4748



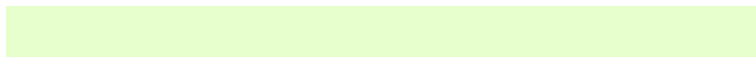
82.8225, 92.7508, 145.1414



103.4620, 92.7508, 95.1459

Complementary

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



79.4126, 92.7508, 71.4748



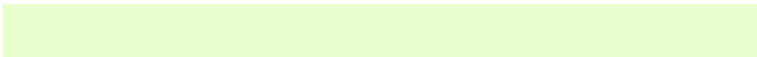
72.5153, 67.7068, 103.8545

Split Complementary

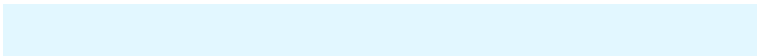
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



102.4622, 92.7508, 117.4025



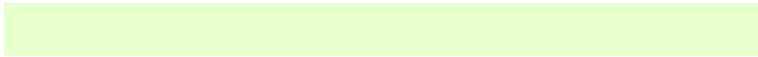
79.4126, 92.7508, 71.4748



90.2545, 92.7508, 148.4544

Square

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



79.4126, 92.7508, 71.4748



77.1374, 92.7508, 129.1904



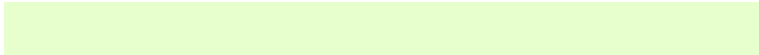
97.5205, 92.7508, 137.6822



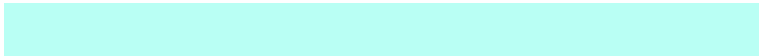
100.1787, 92.7508, 77.2243

Rectangle

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



79.4126, 92.7508, 71.4748



74.3147, 92.7508, 99.6565



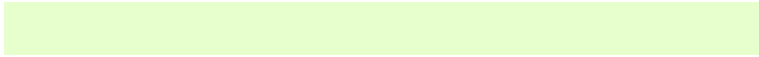
97.5205, 92.7508, 137.6822



103.6192, 92.7508, 102.3351

Sweetspot

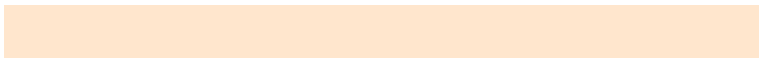
The Sweet Spot groups the original color and five complimentary colors.



79.4132, 92.7510, 71.4762



89.9250, 97.6313, 96.3098



80.5568, 82.2621, 69.3913



19.1322, 20.8437, 20.3341



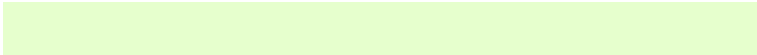
0.0000, 0.0000, 0.0000



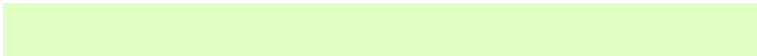
20.3446, 21.4041, 23.3091

Same Dimension

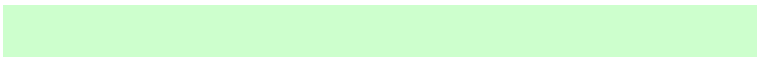
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.4132, 92.7510, 71.4762



76.3397, 91.3173, 64.5237



71.9571, 88.9073, 71.1272



18.6369, 20.6143, 19.1410



23.4699, 39.8372, 6.4524



2.4111, 3.9437, 0.6341

Inverse Universe

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



72.5153, 67.7068, 103.8545



68.1619, 61.6259, 102.9102



81.1218, 72.1437, 104.2573



17.8684, 17.8239, 22.7485



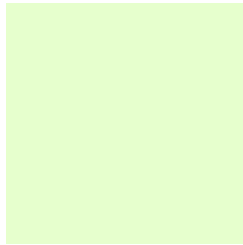
14.2160, 6.2391, 49.8896



1.5101, 0.6724, 4.8635

Previews

White Background



This preview shows how the XYZ color 79.4126, 92.7508, 71.4748 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 79.4126, 92.7508, 71.4748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

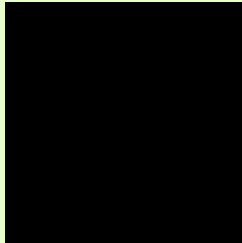
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

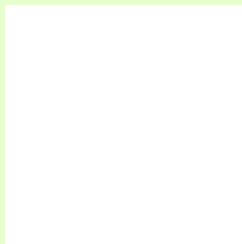
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.4126, 92.7508, 71.4748

Background



This preview shows how black text looks on a background with the XYZ color 79.4126, 92.7508, 71.4748.



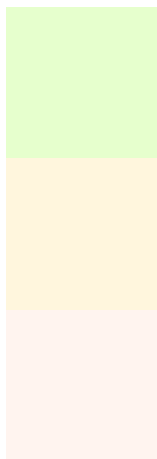
This preview shows how white text looks on a background with the XYZ color 79.4126, 92.7508,

71.4748.

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

79.4126, 92.7508, 71.4748

Protanopia

87.2469, 92.3920, 81.6416

Deuteranopia

89.1707, 92.1934, 94.7567

Tritanopia

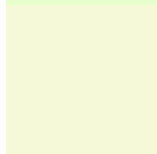
88.2729, 92.7962, 107.8667

Trichromacy



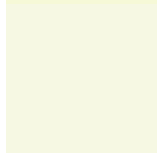
Original Color

79.4126, 92.7508, 71.4748



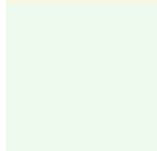
Protanomaly

84.1475, 92.2505, 77.6611



Deuteranomaly

85.4386, 92.2737, 85.9806



Tritanomaly

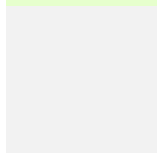
84.7316, 92.6628, 93.5406

Monochromacy



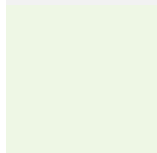
Original Color

79.4126, 92.7508, 71.4748



Achromatopsia

84.3971, 88.7923, 96.6948



Achromatomaly

82.6635, 90.3558, 87.2123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4126, 92.7508, 71.4748 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(230, 255, 205)` looks like.

```
.text, #text, p{  
    color:rgb(230, 255, 205)  
}
```

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(230, 255, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 255, 205) }
```

Border

The CSS property to change the border of an element to XYZ 79.4126, 92.7508, 71.4748 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(230, 255, 205) }
```


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

```
.border{ border-color:rgb(230, 255, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 255, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 255, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 255, 205);  
box-shadow:4px 4px 4px 4px rgb(230, 255,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4126, 92.7508, 71.4748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 255, 205) }
```

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

```
.background{ background-color: rgb(230,  
255, 205) }
```

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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