

Converting Colors

XYZ(79.8391, 92.4403, 70.6876)

Have a look what the booklet for
XYZ(79.8391, 92.4403, 70.6876)
contains.

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Color

**XYZ(79.9452, 92.5669,
70.7804)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E9FECC |
| RGB | 233, 254, 204 |
| RGB Percent | 91%, 100%, 80% |
| CMY | 0.0863, 0.0039, 0.2000 |
| CMYK | 0.08, 0.00, 0.20, 0.00 |
| HSL | 85°, 96%, 90% |
| HSV | 85°, 20%, 100% |
| XYZ | 79.9452, 92.5669, 70.7804 |
| YIQ | 242.0210, 3.5340, -20.0020 |

Conversions

Conversions Part 2

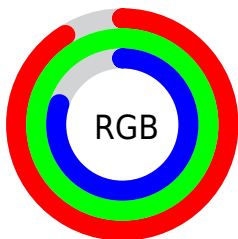
| Format | Color |
|-------------------------------------|---|
| RYB | 204, 254, 225 |
| Decimal | 15335116 |
| CIELab | 97.05, -15.31, 21.66 |
| CIELCh | 97, 26.529, 125.256 |
| Yxy | 92.5669, 0.3286, 0.3805 |
| Android (android.graphics.Color) | 4293525196 (0xFFE9FECC) |
| YUV | 242.0210, -18.7444, -7.9114 |
| Hunter-Lab | 96.2117, -20.0494, 23.7301 |

Details

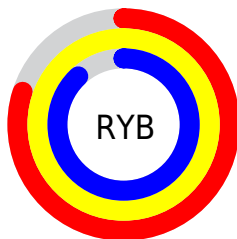
The XYZ color **79.9452, 92.5669, 70.7804** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **70.5373, 66.3516, 102.8603**, and the grayscale version is **84.5586, 88.9622, 96.8799**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6027, 51.4816, 36.4930** is the 20% darker color. If you saturate the color by 10%, you get **73.7658, 89.7079, 55.8643**, and if you desaturate by 10%, it is **86.8370, 95.7413, 88.3271**.

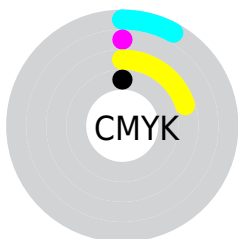
Distribution



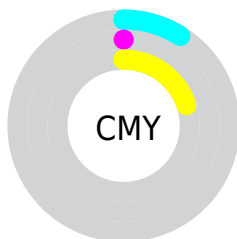
- Red (91%)
- Green (100%)
- Blue (80%)



- Red (80%)
- Yellow (100%)
- Blue (88%)



- Cyan (8%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)



- Cyan (9%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.9452, 92.5669, 70.7804 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 79.9452, 92.5669, 70.7804 by changing the saturation by 10% instead.

79.9452, 92.5669,
70.7804

79.9452, 92.5669,
70.7804

483.4875,
536.3460, 482.1484

59.9816, 70.1116,
51.6823

132.2396,
150.8989, 122.0125

43.6532, 51.6175,
36.3714

165.3011,
187.5443, 154.9836

30.5947, 36.7003,
24.4292

203.4593,
229.6885, 193.4161

20.4407, 24.9755,
15.4372

247.0794,
277.7160, 237.7285

12.8259, 16.0588,
8.9768

296.5270,
332.0111, 288.3394

7.3850, 9.5658,
4.6294

352.1673,

3.7525, 5.1120,

392.9582, 345.6673

1.9766

414.3657,
460.9417, 410.1308

■ 1.5631, 2.3131,
0.5408

■ 0.3682, 0.7807,
0.0000

■ 79.9452, 92.5669,
70.7804

■ 79.9452, 92.5669,
70.7804

■ 73.7658, 89.7079,
55.8643

■ 86.8370, 95.7413,
88.3271

■ 68.2639, 87.1407,
43.4461

■ 94.4600, 99.2299,
108.6166

■ 63.4119, 84.8569,
33.3901

■ 94.7337, 99.3674,
108.7946

■ 59.1774, 82.8432,
25.5459

■ 55.5245, 81.0847,
19.7455

■ 52.4127, 79.5647,
15.7967

■ 49.7943, 78.2636,
13.4709

■ 47.5961, 77.1517,
12.4061

■ 47.5314, 77.1188,
12.3803

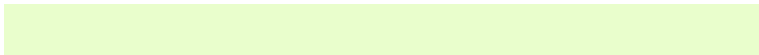
Harmonies

Analogous

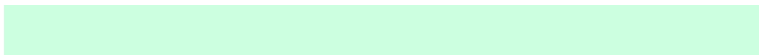
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.6722, 92.5669, 65.1117



79.9452, 92.5669, 70.7804



75.5661, 92.5669, 84.5266

Triad

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



79.9452, 92.5669, 70.7804



82.1034, 92.5669, 142.9760



103.0814, 92.5669, 97.0663

Complementary

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



79.9452, 92.5669, 70.7804



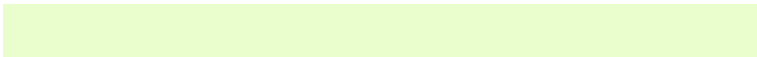
70.5373, 66.3516, 102.8603

Split Complementary

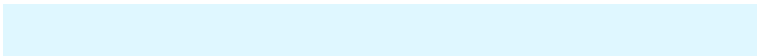
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



101.6886, 92.5669, 119.0153



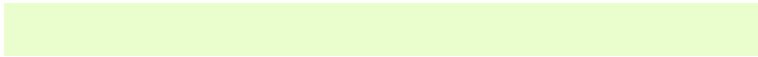
79.9452, 92.5669, 70.7804



89.3050, 92.5669, 147.5763

Square

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



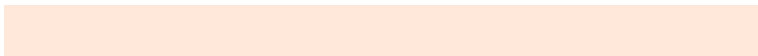
79.9452, 92.5669, 70.7804



76.7618, 92.5669, 126.4606



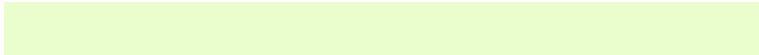
96.5403, 92.5669, 138.2689



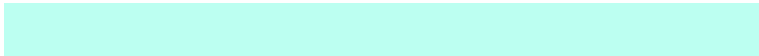
100.2457, 92.5669, 78.8514

Rectangle

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



79.9452, 92.5669, 70.7804



74.4243, 92.5669, 97.4243



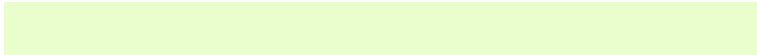
96.5403, 92.5669, 138.2689



103.0938, 92.5669, 104.2316

Sweetspot

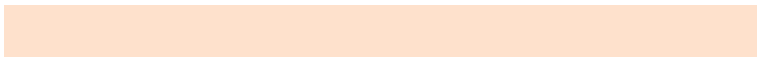
The Sweet Spot groups the original color and five complimentary colors.



79.9476, 92.5709, 70.7824



90.3585, 97.8548, 96.3301



78.6558, 79.1941, 68.2685



19.2346, 20.8965, 20.3389



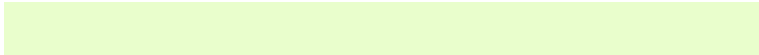
0.0000, 0.0000, 0.0000



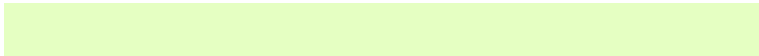
20.3446, 21.4041, 23.3091

Same Dimension

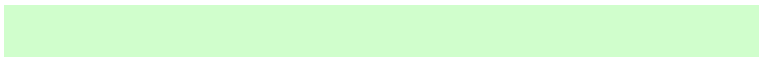
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.9476, 92.5709, 70.7824



77.8815, 92.1121, 64.5959



72.4031, 88.6816, 70.4293



18.7807, 20.6884, 19.1477



25.2299, 40.7446, 6.5347



2.5812, 4.0314, 0.6421

Inverse Universe

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



70.5373, 66.3516, 102.8603



66.6638, 60.8536, 102.8401



78.8504, 70.6372, 103.2494



17.7261, 17.7505, 22.7419



12.7684, 5.4928, 49.8218



1.3645, 0.5973, 4.8567

Previews

White Background



This preview shows how the XYZ color 79.9452, 92.5669, 70.7804 looks on a white background.

Color Contrast Check

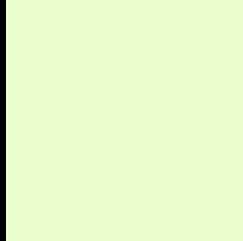
Large Text (above 18pt) WCAG AA × Fail

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 79.9452, 92.5669, 70.7804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

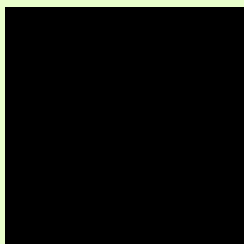
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

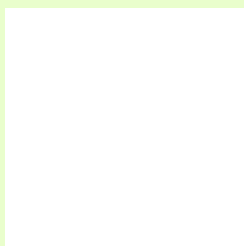
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.9452, 92.5669, 70.7804

Background



This preview shows how black text looks on a background with the XYZ color 79.9452, 92.5669, 70.7804.



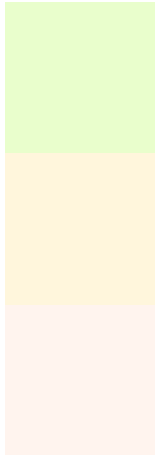
This preview shows how white text looks on a background with the XYZ color 79.9452, 92.5669,

70.7804.

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

79.9452, 92.5669, 70.7804

Protanopia

87.1140, 92.3388, 80.9419

Deuteranopia

89.0233, 92.1344, 93.9806

Tritanopia

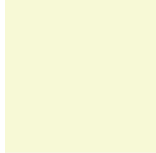
88.3140, 92.3646, 107.7813

Trichromacy



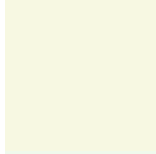
Original Color

79.9452, 92.5669, 70.7804



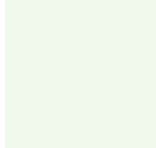
Protanomaly

84.3711, 92.3806, 77.0027



Deuteranomaly

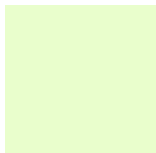
85.6526, 92.3999, 85.2721



Tritanomaly

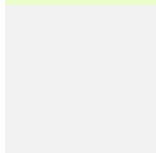
84.9512, 92.3328, 92.7015

Monochromacy



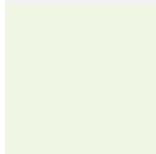
Original Color

79.9452, 92.5669, 70.7804



Achromatopsia

84.3971, 88.7923, 96.6948



Achromatomaly

82.5560, 89.8637, 86.3931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.9452, 92.5669, 70.7804 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(233, 254, 204)` looks like.

```
.text, #text, p{  
    color:rgb(233, 254, 204)  
}
```

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(233, 254, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 254, 204) }
```

Border

The CSS property to change the border of an element to XYZ 79.9452, 92.5669, 70.7804 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(233, 254, 204) }
```


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

```
.border{ border-color:rgb(233, 254, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 254, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 254, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 254, 204);  
box-shadow:4px 4px 4px 4px rgb(233, 254,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 79.9452, 92.5669, 70.7804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 254, 204) }
```

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

```
.background{ background-color: rgb(233,  
254, 204) }
```

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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