

Converting Colors

XYZ(79.5388, 92.4403, 70.2661)

Have a look what the booklet for
XYZ(79.5388, 92.4403, 70.2661)
contains.

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Color

**XYZ(79.5000, 92.3512,
70.1354)**

Conversions

Conversions Part 1

Format	Color
Hex	E8FECB
RGB	232, 254, 203
RGB Percent	91%, 100%, 80%
CMY	0.0902, 0.0039, 0.2039
CMYK	0.09, 0.00, 0.20, 0.00
HSL	86°, 96%, 90%
HSV	86°, 20%, 100%
XYZ	79.5000, 92.3512, 70.1354
YIQ	241.6080, 3.2590, -20.5250

Conversions

Conversions Part 2

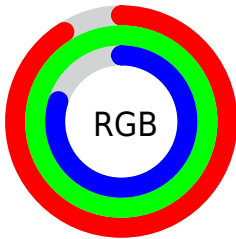
Format	Color
R _Y B	203, 254, 225
Decimal	15269579
CIE Lab	96.96, -15.81, 22.04
CIE LCh	97, 27.125, 125.658
Yxy	92.3512, 0.3285, 0.3816
Android (android.graphics.Color)	4293459659 (0xFFE8FECB)
YUV	241.6080, -19.0337, -8.4262
Hunter-Lab	96.0995, -20.5070, 23.9986

Details

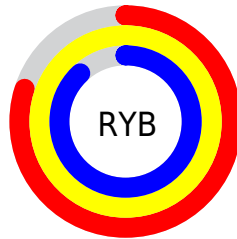
The XYZ color **79.5000, 92.3512, 70.1354** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **70.3004, 65.8777, 102.7813**, and the grayscale version is **84.2342, 88.6209, 96.5082**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2956, 51.3325, 36.0600** is the 20% darker color. If you saturate the color by 10%, you get **73.2712, 89.4645, 55.3166**, and if you desaturate by 10%, it is **86.4515, 95.5587, 87.5805**.

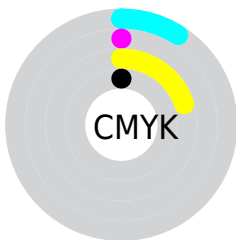
Distribution



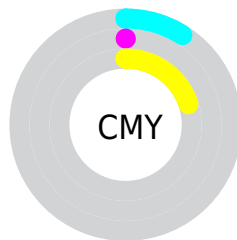
- Red (91%)
- Green (100%)
- Blue (80%)



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



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



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

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.5000, 92.3512, 70.1354 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 79.5000, 92.3512, 70.1354 by changing the saturation by 10% instead.


 79.5000, 92.3512,
70.1354

 79.5000, 92.3512,
70.1354


482.0084,
535.6499, 479.8272

 59.6140, 69.9324,
51.1594


131.6167,
150.6001, 121.0848

 43.3559, 51.4714,
35.9579


164.5783,
187.1989, 153.8952

 30.3602, 36.5839,
24.1123


202.6290,
229.2931, 192.1543

 20.2616, 24.8855,
15.2039

246.1343,
277.2672, 236.2805

 12.6947, 15.9918,
8.8144

295.4595,
331.5055, 286.6923

 7.2942, 9.5183,
4.5252

350.9701,

 3.6947, 5.0808,

392.3925, 343.8084

1.9177

413.0313,
460.3125, 408.0472

■ 1.5309, 2.2947,
0.5039

■ 0.3467, 0.7709,
0.0000

■ 79.5000, 92.3512,
70.1354

■ 79.5000, 92.3512,
70.1354

■ 73.2712, 89.4645,
55.3166

■ 86.4515, 95.5587,
87.5805

■ 67.7297, 86.8748,
42.9909

■ 94.1448, 99.0860,
107.7645

■ 62.8477, 84.5736,
33.0225

■ 94.7337, 99.3674,
108.7946

■ 58.5922, 82.5472,
25.2600

■ 54.9268, 80.7806,
19.5346

■ 51.8103, 79.2567,
15.6532

■ 49.1944, 77.9556,
13.3851

■ 47.0184, 76.8543,
12.3562

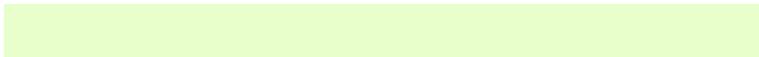
Harmonies

Analogous

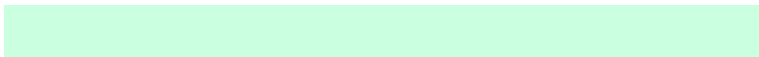
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.3387, 92.3512, 64.2726



79.5000, 92.3512, 70.1354



75.0782, 92.3512, 84.2125

Triad

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



79.5000, 92.3512, 70.1354



81.8681, 92.3512, 143.8961



103.1998, 92.3512, 96.4693

Complementary

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



79.5000, 92.3512, 70.1354



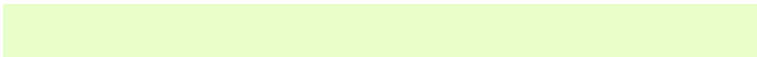
70.3004, 65.8777, 102.7813

Split Complementary

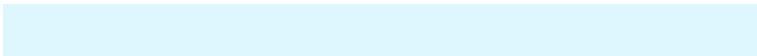
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



101.8327, 92.3512, 118.8852



79.5000, 92.3512, 70.1354



89.2313, 92.3512, 148.4259

Square

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



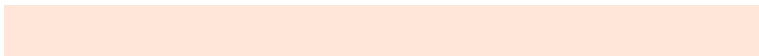
79.5000, 92.3512, 70.1354



76.3889, 92.3512, 127.0886



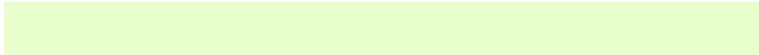
96.6095, 92.3512, 138.7000



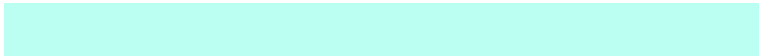
100.2442, 92.3512, 77.9978

Rectangle

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



79.5000, 92.3512, 70.1354



73.9467, 92.3512, 97.4073



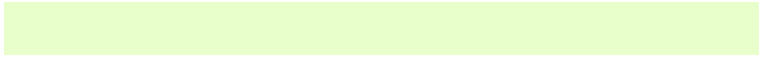
96.6095, 92.3512, 138.7000



103.2325, 92.3512, 103.7693

Sweetspot

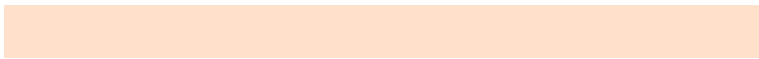
The Sweet Spot groups the original color and five complimentary colors.



79.5024, 92.3552, 70.1374



90.2967, 97.8229, 96.3272



78.3789, 78.8316, 67.5863



19.2200, 20.8890, 20.3382



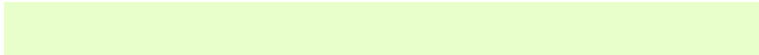
0.0000, 0.0000, 0.0000



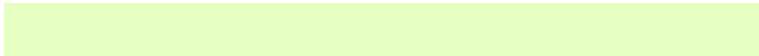
20.3446, 21.4041, 23.3091

Same Dimension

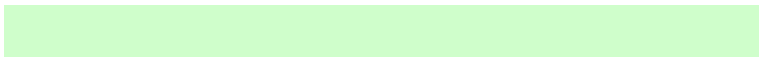
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.5024, 92.3552, 70.1374



77.6594, 91.9977, 64.5855



72.0262, 88.5011, 69.7875



18.7602, 20.6778, 19.1468



24.9598, 40.6053, 6.5221



2.5555, 4.0182, 0.6409

Inverse Universe

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



70.3004, 65.8777, 102.7813



66.8743, 60.9621, 102.8499



78.5836, 70.1479, 103.1690



17.7463, 17.7609, 22.7428



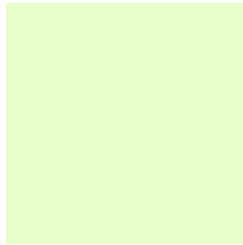
12.9560, 5.5895, 49.8306



1.3838, 0.6073, 4.8576

Previews

White Background



This preview shows how the XYZ color 79.5000, 92.3512, 70.1354 looks on a white background.

Color Contrast Check

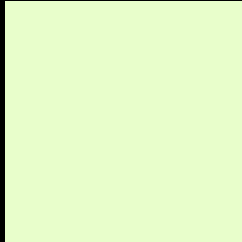
Large Text (above 18pt) WCAG AA × Fail

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 79.5000, 92.3512, 70.1354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

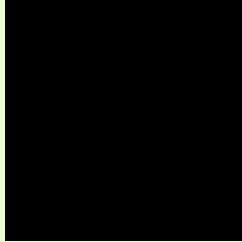
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

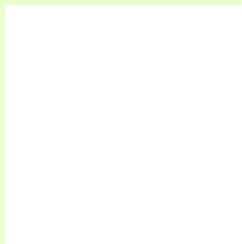
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.5000, 92.3512, 70.1354

Background



This preview shows how black text looks on a background with the XYZ color 79.5000, 92.3512, 70.1354.



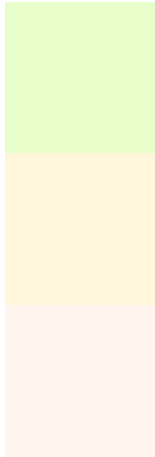
This preview shows how white text looks on a background with the XYZ color 79.5000, 92.3512,

70.1354.

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

79.5000, 92.3512, 70.1354

Protanopia

86.9820, 92.2860, 80.2464

Deuteranopia

89.0233, 92.1344, 93.9806

Tritanopia

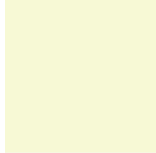
88.3140, 92.3646, 107.7813

Trichromacy



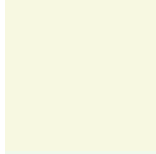
Original Color

79.5000, 92.3512, 70.1354



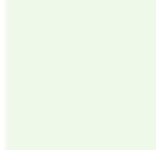
Protanomaly

84.2437, 92.3296, 76.3321



Deuteranomaly

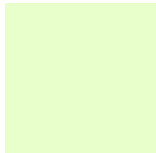
85.5158, 92.3452, 84.5514



Tritanomaly

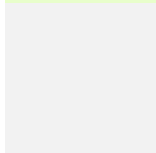
84.9512, 92.3328, 92.7015

Monochromacy



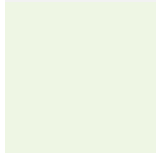
Original Color

79.5000, 92.3512, 70.1354



Achromatopsia

84.3971, 88.7923, 96.6948



Achromatomaly

82.2193, 89.6901, 86.3773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.5000, 92.3512, 70.1354 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(232, 254, 203)` looks like.

```
.text, #text, p{  
    color:rgb(232, 254, 203)  
}
```

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(232, 254, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 254, 203) }
```

Border

The CSS property to change the border of an element to XYZ 79.5000, 92.3512, 70.1354 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(232, 254, 203) }
```


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

```
.border{ border-color:rgb(232, 254, 203) }
```

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

Here you see how a box with a 4 pixel rgb(232, 254, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 254, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 254, 203);  
box-shadow:4px 4px 4px 4px rgb(232, 254,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 79.5000, 92.3512, 70.1354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 254, 203) }
```

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

```
.background{ background-color: rgb(232,  
254, 203) }
```

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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