

Converting Colors

XYZ(79.4757, 92.3426, 71.3553)

Have a look what the booklet for
XYZ(79.4757, 92.3426, 71.3553)
contains.

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Color

**XYZ(79.4163, 92.2803,
71.3838)**

Conversions

Conversions Part 1

Format	Color
Hex	E7FECD
RGB	231, 254, 205
RGB Percent	91%, 100%, 80%
CMY	0.0941, 0.0039, 0.1961
CMYK	0.09, 0.00, 0.19, 0.00
HSL	88°, 96%, 90%
HSV	88°, 19%, 100%
XYZ	79.4163, 92.2803, 71.3838
YIQ	241.5370, 2.0210, -20.1150

Conversions

Conversions Part 2

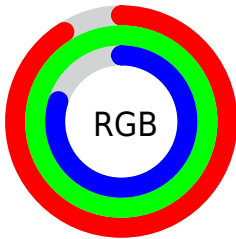
Format	Color
RYB	205, 254, 228
Decimal	15204045
CIELab	96.93, -15.85, 20.97
CIElCh	97, 26.289, 127.088
Yxy	92.2803, 0.3267, 0.3796
Android (android.graphics.Color)	4293394125 (0xFFE7FECD)
YUV	241.5370, -18.0127, -9.2409
Hunter-Lab	96.0626, -20.5412, 23.1857

Details

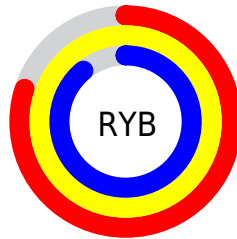
The XYZ color **79.4163, 92.2803, 71.3838** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **71.7192, 67.3149, 102.9839**, and the grayscale version is **84.1710, 88.5545, 96.4358**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2314, 51.2808, 36.8978** is the 20% darker color. If you saturate the color by 10%, you get **72.8779, 89.2384, 56.3512**, and if you desaturate by 10%, it is **86.7196, 95.6646, 89.0543**.

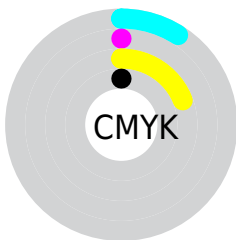
Distribution



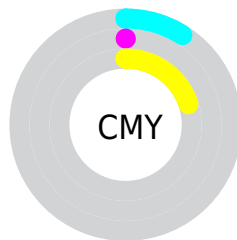
- Red (91%)
- Green (100%)
- Blue (80%)



- Red (80%)
- Yellow (100%)
- Blue (89%)



- Cyan (9%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)



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

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.4163, 92.2803, 71.3838 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 79.4163, 92.2803, 71.3838 by changing the saturation by 10% instead.

 79.4163, 92.2803,
71.3838

 79.4163, 92.2803,
71.3838


481.7301,
535.4210, 484.3137

 59.5450, 69.8735,
52.1717


131.4996,
150.5018, 122.8796

 43.3000, 51.4234,
36.7588


164.4423,
187.0853, 156.0004

 30.3161, 36.5457,
24.7265

202.4728,
229.1631, 194.5945

 20.2279, 24.8559,
15.6562

245.9565,
277.1196, 239.0805

 12.6701, 15.9697,
9.1295

295.2587,
331.3393, 289.8769

 7.2772, 9.5027,
4.7278

350.7448,

 3.6839, 5.0705,

392.2065, 347.4022

2.0325

412.7801,
460.1056, 412.0749

■ 1.5249, 2.2887,
0.5752

■ 0.3427, 0.7677,
0.0000

■ 79.4163, 92.2803,
71.3838

■ 79.4163, 92.2803,
71.3838

■ 72.8779, 89.2384,
56.3512

■ 86.7196, 95.6646,
89.0543

■ 67.0680, 86.5145,
43.8238

94.6784, 99.3388,
108.7920

■ 61.9576, 84.0996,
33.6667

94.7337, 99.3673,
108.7946

■ 57.5129, 81.9793,
25.7298

■ 53.6963, 80.1380,
19.8457

■ 50.4657, 78.5583,
15.8234

■ 47.7720, 77.2197,
13.4360

■ 45.5432, 76.0927,
12.3386

■ 45.3973, 76.0186,
12.2804

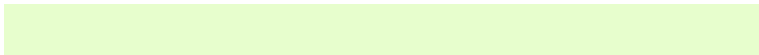
Harmonies

Analogous

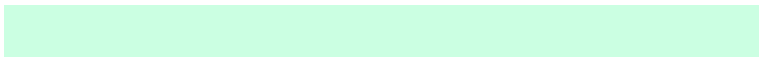
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.9679, 92.2803, 65.2606



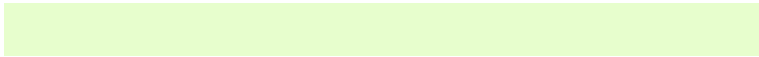
79.4163, 92.2803, 71.3838



75.2608, 92.2803, 85.4516

Triad

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



79.4163, 92.2803, 71.3838



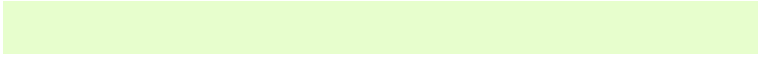
82.2928, 92.2803, 142.8192



102.5807, 92.2803, 95.5390

Complementary

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



79.4163, 92.2803, 71.3838



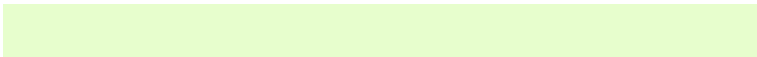
71.7192, 67.3149, 102.9839

Split Complementary

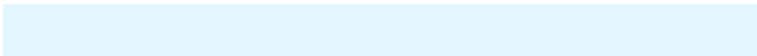
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



101.4608, 92.2803, 117.1692



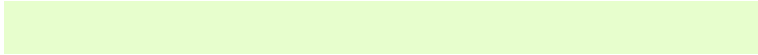
79.4163, 92.2803, 71.3838



89.4748, 92.2803, 146.5166

Square

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



79.4163, 92.2803, 71.3838



76.8552, 92.2803, 127.0721



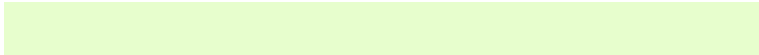
96.5612, 92.2803, 136.5643



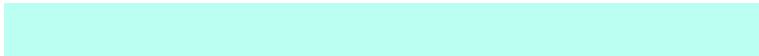
99.5408, 92.2803, 77.8794

Rectangle

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



79.4163, 92.2803, 71.3838



74.2694, 92.2803, 98.4242



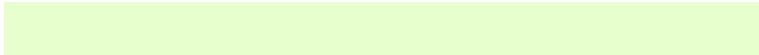
96.5612, 92.2803, 136.5643



102.6809, 92.2803, 102.5593

Sweetspot

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



79.4187, 92.2843, 71.3858



90.0903, 97.7166, 96.3175



79.6027, 80.8954, 69.1778



19.1712, 20.8638, 20.3359



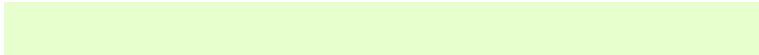
0.0000, 0.0000, 0.0000



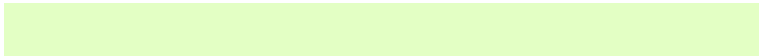
20.3446, 21.4041, 23.3091

Same Dimension

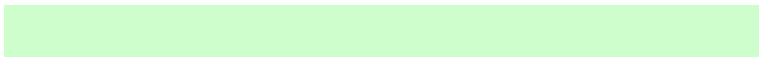
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.4187, 92.2843, 71.3858



77.5898, 91.9284, 66.0882



72.0938, 88.5082, 71.0430



18.6917, 20.6425, 19.1436



24.1048, 40.1646, 6.4821



2.4732, 3.9757, 0.6370

Inverse Universe

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



71.7192, 67.3149, 102.9839



68.5732, 62.6865, 103.0933



80.0020, 71.5848, 103.3715



17.8138, 17.7958, 22.7460



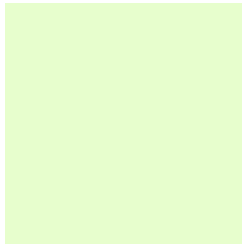
13.6267, 5.9353, 49.8620



1.4516, 0.6423, 4.8607

Previews

White Background



This preview shows how the XYZ color 79.4163, 92.2803, 71.3838 looks on a white background.

Color Contrast Check

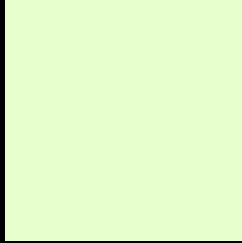
Large Text (above 18pt) WCAG AA × Fail

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 79.4163, 92.2803, 71.3838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

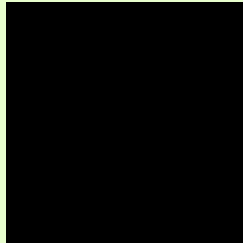
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

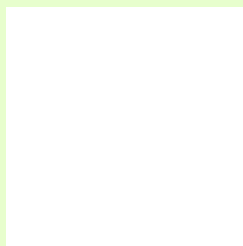
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.4163, 92.2803, 71.3838

Background



This preview shows how black text looks on a background with the XYZ color 79.4163, 92.2803, 71.3838.



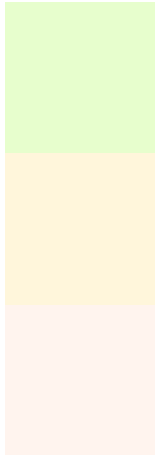
This preview shows how white text looks on a background with the XYZ color 79.4163, 92.2803,

71.3838.

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

79.4163, 92.2803, 71.3838

Protanopia

86.9820, 92.2860, 80.2464

Deuteranopia

89.0233, 92.1344, 93.9806

Tritanopia

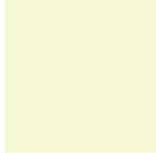
87.9679, 92.1862, 107.7651

Trichromacy



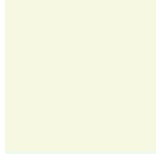
Original Color

79.4163, 92.2803, 71.3838



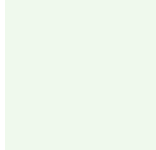
Protanomaly

84.0193, 92.1992, 76.9863



Deuteranomaly

85.3009, 92.2186, 85.2556



Tritanomaly

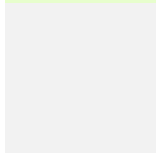
84.7583, 92.2165, 93.4531

Monochromacy



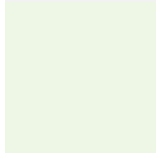
Original Color

79.4163, 92.2803, 71.3838



Achromatopsia

84.3971, 88.7923, 96.6948



Achromatomaly

82.3585, 89.7458, 87.1107

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4163, 92.2803, 71.3838 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(231, 254, 205)` looks like.

```
.text, #text, p{  
    color:rgb(231, 254, 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(231, 254, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 254, 205) }
```

Border

The CSS property to change the border of an element to XYZ 79.4163, 92.2803, 71.3838 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(231, 254, 205) }
```


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

```
.border{ border-color:rgb(231, 254, 205) }
```

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

Here you see how a box with a 4 pixel rgb(231, 254, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 254, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 254, 205);  
box-shadow:4px 4px 4px 4px rgb(231, 254,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4163, 92.2803, 71.3838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 254, 205) }
```

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

```
.background{ background-color: rgb(231,  
254, 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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