

Converting Colors

XYZ(80.8343, 96.0597, 71.0025)

Have a look what the booklet for
XYZ(80.8343, 96.0597, 71.0025)
contains.

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Color

**XYZ(79.1726, 92.6548,
70.2112)**

Conversions

Conversions Part 1

Format	Color
Hex	E6FFCB
RGB	230, 255, 203
RGB Percent	90%, 100%, 80%
CMY	0.0980, 0.0000, 0.2039
CMYK	0.10, 0.00, 0.20, 0.00
HSL	89°, 100%, 90%
HSV	89°, 20%, 100%
XYZ	79.1726, 92.6548, 70.2112
YIQ	241.5970, 1.7920, -21.4720

Conversions

Conversions Part 2

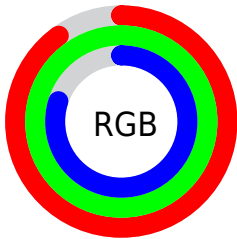
Format	Color
R_{YB}	203, 255, 228
Decimal	15138763
CIE _{Lab}	97.09, -16.99, 22.19
CIE _{LCh}	97, 27.950, 127.444
Yxy	92.6548, 0.3271, 0.3828
Android (android.graphics.Color)	4293328843 (0xFFE6FFCB)
YUV	241.5970, -19.0283, -10.1706
Hunter-Lab	96.2574, -21.6324, 24.1334

Details

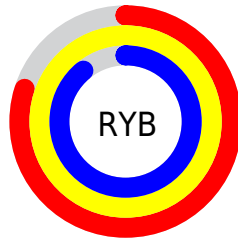
The XYZ color **79.1726, 92.6548, 70.2112** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **71.4017, 66.4271, 103.6662**, and the grayscale version is **84.2235, 88.6097, 96.4960**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0745, 51.5568, 36.1150** is the 20% darker color. If you saturate the color by 10%, you get **72.5821, 89.5799, 55.3230**, and if you desaturate by 10%, it is **86.5409, 96.0728, 87.7475**.

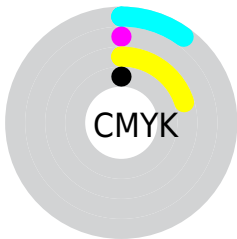
Distribution



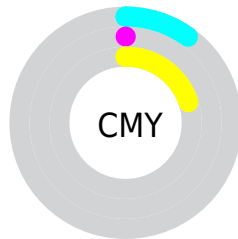
- Red (90%)
- Green (100%)
- Blue (80%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.1726, 92.6548, 70.2112 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 79.1726, 92.6548, 70.2112 by changing the saturation by 10% instead.


 79.1726, 92.6548,
70.2112

 79.1726, 92.6548,
70.2112


480.9192,
536.6295, 480.1004

 59.3438, 70.1846,
51.2209


131.1585,
151.0206, 121.1938

 43.1374, 51.6771,
36.0065

164.0463,
187.6850, 154.0232

 30.1879, 36.7477,
24.1495


202.0179,
229.8496, 192.3027

 20.1301, 25.0122,
15.2313

245.4385,
277.8988, 236.4508

 12.5984, 16.0862,
8.8335

294.6736,
332.2170, 286.8861

 7.2277, 9.5851,
4.5374

350.0885,

 3.6525, 5.1248,

393.1886, 344.0271

1.9245

412.0486,
461.1980, 408.2923

■ 1.5075, 2.3207,
0.5083

■ 0.3309, 0.7846,
0.0000

■ 79.1726, 92.6548,
70.2112

■ 79.1726, 92.6548,
70.2112

■ 72.5821, 89.5799,
55.3230

■ 86.5409, 96.0728,
87.7475

■ 66.7375, 86.8348,
42.9500

94.7134, 99.8450,
108.0478

■ 61.6073, 84.4060,
32.9539

95.0500, 100.0000,
108.9000

■ 57.1562, 82.2788,
25.1814

■ 53.3457, 80.4370,
19.4614

■ 50.1319, 78.8625,
15.5976

■ 47.4637, 77.5338,
13.3557

■ 45.3389, 76.4581,
12.3683

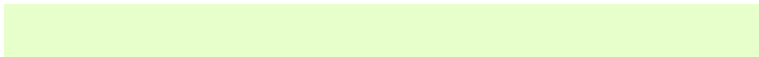
Harmonies

Analogous

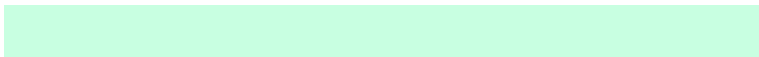
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.1175, 92.6548, 63.6907



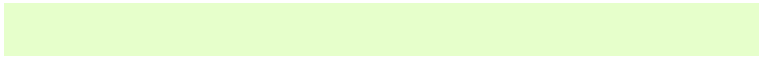
79.1726, 92.6548, 70.2112



74.8032, 92.6548, 85.1417

Triad

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



79.1726, 92.6548, 70.2112



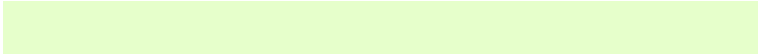
82.3816, 92.6548, 146.4903



103.9571, 92.6548, 95.3681

Complementary

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



79.1726, 92.6548, 70.2112



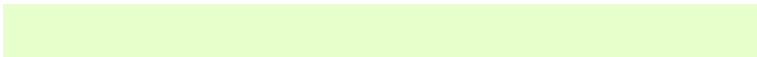
71.4017, 66.4271, 103.6662

Split Complementary

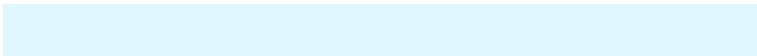
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



102.8096, 92.6548, 118.4591



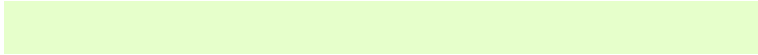
79.1726, 92.6548, 70.2112



90.0429, 92.6548, 150.3097

Square

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



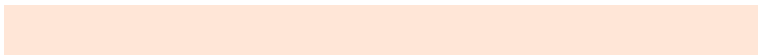
79.1726, 92.6548, 70.2112



76.5774, 92.6548, 129.6289



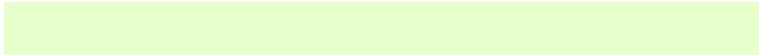
97.6008, 92.6548, 139.4001



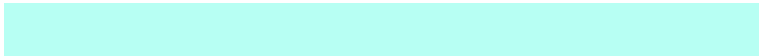
100.6489, 92.6548, 76.7397

Rectangle

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



79.1726, 92.6548, 70.2112



73.7821, 92.6548, 98.9630



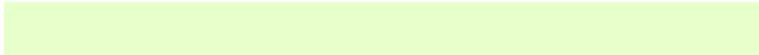
97.6008, 92.6548, 139.4001



104.0829, 92.6548, 102.8324

Sweetspot

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



79.1731, 92.6550, 70.2126



90.0290, 97.6849, 96.3147



79.5621, 80.6567, 67.8762



19.1567, 20.8563, 20.3352



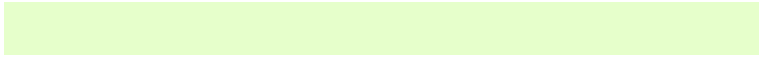
0.0000, 0.0000, 0.0000



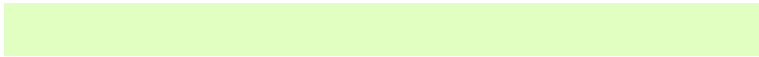
20.3446, 21.4041, 23.3091

Same Dimension

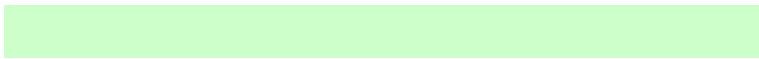
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.1731, 92.6550, 70.2126



76.7066, 91.5065, 64.5409



71.6436, 88.7734, 69.8602



18.6714, 20.6320, 19.1426



23.8641, 40.0405, 6.4708



2.4498, 3.9637, 0.6359

Inverse Universe

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



71.4017, 66.4271, 103.6662



67.7976, 61.4381, 102.8932



80.0116, 70.8656, 104.0691



17.8340, 17.8062, 22.7469



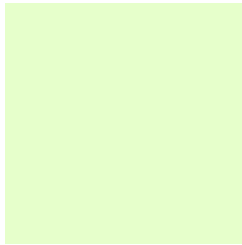
13.8399, 6.0452, 49.8720



1.4729, 0.6532, 4.8617

Previews

White Background



This preview shows how the XYZ color 79.1726, 92.6548, 70.2112 looks on a white background.

Color Contrast Check

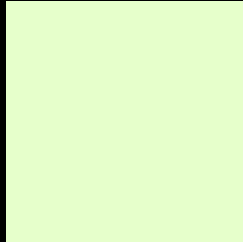
Large Text (above 18pt) WCAG AA × Fail

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 79.1726, 92.6548, 70.2112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

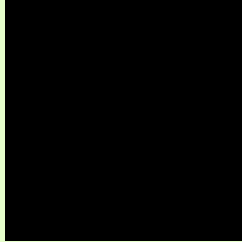
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

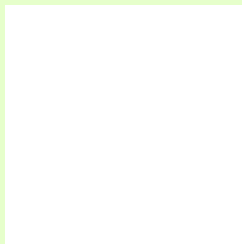
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.1726, 92.6548, 70.2112

Background



This preview shows how black text looks on a background with the XYZ color 79.1726, 92.6548, 70.2112.

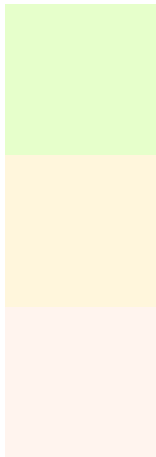


This preview shows how white text looks on a background with the XYZ color 79.1726, 92.6548,

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

79.1726, 92.6548, 70.2112

Protanopia

87.1140, 92.3388, 80.9419

Deuteranopia

89.0233, 92.1344, 93.9806

Tritanopia

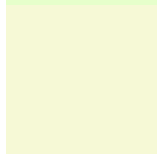
87.9679, 92.1862, 107.7651

Trichromacy



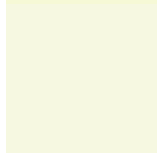
Original Color

79.1726, 92.6548, 70.2112



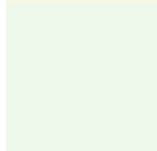
Protanomaly

84.0193, 92.1992, 76.9863



Deuteranomaly

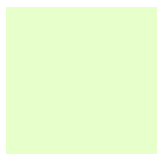
85.1640, 92.1639, 84.5349



Tritanomaly

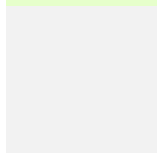
84.2759, 91.9846, 92.6699

Monochromacy



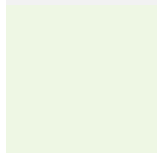
Original Color

79.1726, 92.6548, 70.2112



Achromatopsia

84.3971, 88.7923, 96.6948



Achromatomaly

82.5243, 90.3001, 86.4790

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.1726, 92.6548, 70.2112 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, 203) looks like.

```
.text, #text, p{  
    color:rgb(230, 255, 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(230, 255, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 255, 203) }
```

Border

The CSS property to change the border of an element to XYZ 79.1726, 92.6548, 70.2112 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, 203) }
```


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

```
.border{ border-color:rgb(230, 255, 203) }
```

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, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 255, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 255, 203);  
box-shadow:4px 4px 4px 4px rgb(230, 255,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 79.1726, 92.6548, 70.2112 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, 203) }
```

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

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