

Converting Colors

XYZ(79.2813, 92.6110, 74.7273)

Have a look what the booklet for
XYZ(79.2813, 92.6110, 74.7273)
contains.

XYZ(79.3878, 92.6671, 74.6751)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(79.3878, 92.6671,
74.6751)**

Conversions

Conversions Part 1

Format	Color
Hex	E4FFD2
RGB	228, 255, 210
RGB Percent	89%, 100%, 82%
CMY	0.1059, 0.0000, 0.1765
CMYK	0.11, 0.00, 0.18, 0.00
HSL	96°, 100%, 91%
HSV	96°, 18%, 100%
XYZ	79.3878, 92.6671, 74.6751
YIQ	241.7970, -1.6470, -19.7190

Conversions

Conversions Part 2

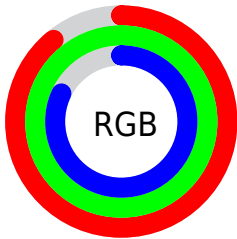
Format	Color
R_{YB}	210, 255, 237
Decimal	15007698
CIE _{Lab}	97.09, -16.59, 18.61
CIE _{LCh}	97, 24.932, 131.710
Yxy	92.6671, 0.3218, 0.3756
Android (android.graphics.Color)	4293197778 (0xFFE4FFD2)
YUV	241.7970, -15.6759, -12.1000
Hunter-Lab	96.2638, -21.2543, 21.3913

Details

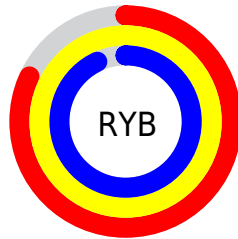
The XYZ color **79.3878, 92.6671, 74.6751** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **76.0224, 71.3189, 104.3668**, and the grayscale version is **84.3580, 88.7512, 96.6501**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1237, 51.5254, 38.6829** is the 20% darker color. If you saturate the color by 10%, you get **71.8185, 89.1033, 59.0372**, and if you desaturate by 10%, it is **87.8943, 96.6556, 93.0020**.

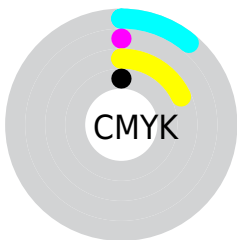
Distribution



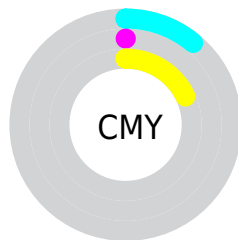
- Red (89%)
- Green (100%)
- Blue (82%)



- Red (82%)
- Yellow (100%)
- Blue (93%)



- Cyan (11%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)





- Cyan (11%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.3878, 92.6671, 74.6751 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 79.3878, 92.6671, 74.6751 by changing the saturation by 10% instead.


 79.3878, 92.6671,
74.6751

 79.3878, 92.6671,
74.6751


481.6353,
536.6692, 496.0257

 59.5214, 70.1948,
54.8466


131.4597,
151.0376, 127.5952

 43.2810, 51.6854,
38.8812


164.3960,
187.7047, 161.5239

 30.3011, 36.7544,
26.3602


202.4196,
229.8722, 200.9898

 20.2165, 25.0174,
16.8651

245.8959,
277.9244, 246.4114

 12.6617, 16.0900,
9.9774

295.1903,
332.2458, 298.2073

 7.2714, 9.5879,
5.2786

350.6681,

 3.6802, 5.1266,

393.2209, 356.7959

2.3500

412.6946,
461.2338, 422.5959

■ 1.5229, 2.3217,
0.7591

■ 0.3413, 0.7852,
0.0000

■ 79.3878, 92.6671,
74.6751

■ 79.3878, 92.6671,
74.6751

■ 71.8185, 89.1033,
59.0372

■ 87.8943, 96.6556,
93.0020

■ 65.1494, 85.9479,
45.9577

95.0500, 100.0000,
108.9000

■ 59.3438, 83.1848,
35.3011

■ 54.3613, 80.7966,
26.9181

■ 50.1580, 78.7643,
20.6426

■ 46.6847, 77.0666,
16.2860

■ 43.8854, 75.6794,
13.6259

■ 41.6895, 74.5730,
12.3691

■ 41.2395, 74.3448,
12.1764

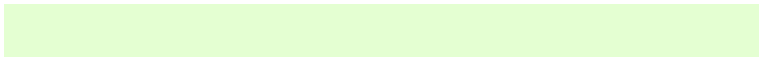
Harmonies

Analogous

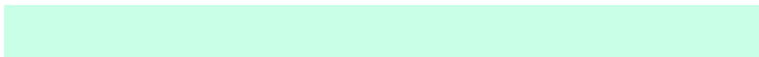
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.3628, 92.6671, 67.5467



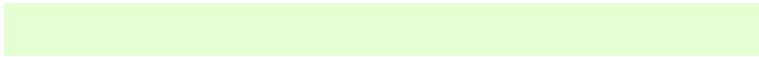
79.3878, 92.6671, 74.6751



75.8586, 92.6671, 89.2330

Triad

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



79.3878, 92.6671, 74.6751



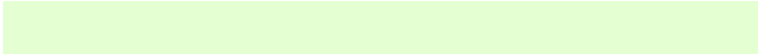
83.9038, 92.6671, 142.2902



101.9844, 92.6671, 93.2455

Complementary

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



79.3878, 92.6671, 74.6751



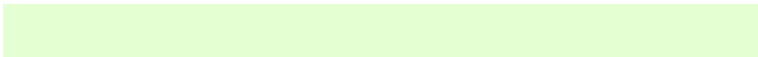
76.0224, 71.3189, 104.3668

Split Complementary

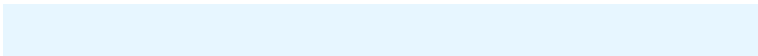
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



101.5423, 92.6671, 113.5393



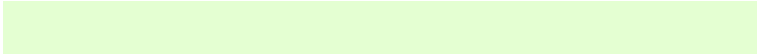
79.3878, 92.6671, 74.6751



90.8487, 92.6671, 143.7411

Square

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



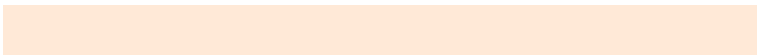
79.3878, 92.6671, 74.6751



78.3687, 92.6671, 128.9043



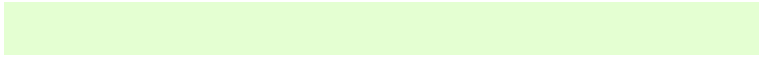
97.3788, 92.6671, 132.6385



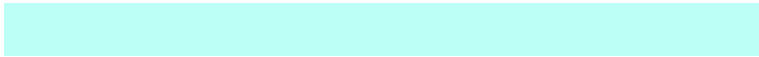
98.5563, 92.6671, 77.2750

Rectangle

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



79.3878, 92.6671, 74.6751



75.2476, 92.6671, 102.0580



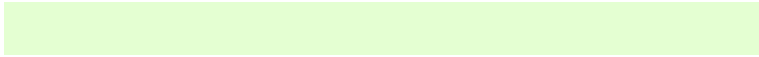
97.3788, 92.6671, 132.6385



102.2882, 92.6671, 99.7482

Sweetspot

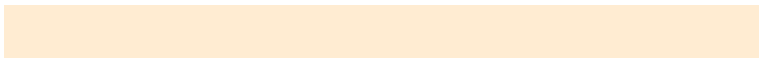
The Sweet Spot groups the original color and five complimentary colors.



79.3884, 92.6674, 74.6765



90.3059, 97.7837, 98.3159



82.9408, 86.0487, 73.2117



19.1907, 20.8650, 20.7375



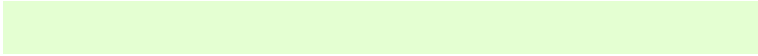
0.0000, 0.0000, 0.0000



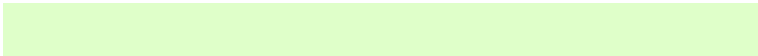
20.3446, 21.4041, 23.3091

Same Dimension

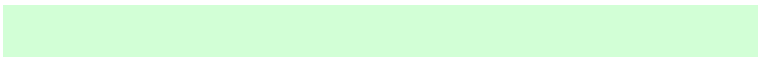
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.3884, 92.6674, 74.6765



76.7471, 91.4256, 69.1382



74.4449, 90.0643, 76.9128



18.4592, 20.5226, 19.1327



21.7058, 38.9278, 6.3698



2.2327, 3.8517, 0.6258

Inverse Universe

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



76.0224, 71.3189, 104.3668



72.8356, 66.6248, 103.6288



81.7392, 74.3350, 101.5137



18.0485, 17.9167, 22.7570



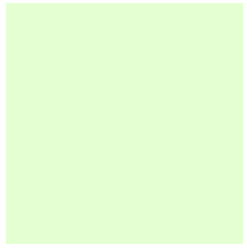
16.4689, 7.4005, 49.9950



1.7269, 0.7842, 4.8736

Previews

White Background



This preview shows how the XYZ color 79.3878, 92.6671, 74.6751 looks on a white background.

Color Contrast Check

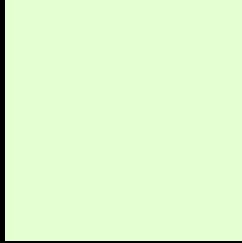
Large Text (above 18pt) WCAG AA × Fail

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 79.3878, 92.6671, 74.6751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

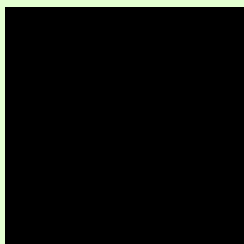
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

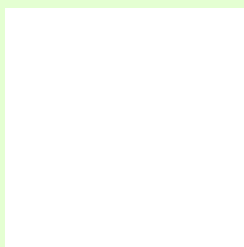
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.3878, 92.6671, 74.6751

Background



This preview shows how black text looks on a background with the XYZ color 79.3878, 92.6671, 74.6751.



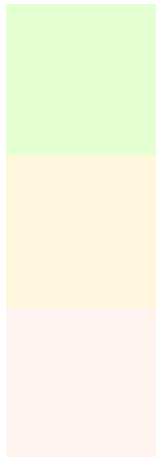
This preview shows how white text looks on a background with the XYZ color 79.3878, 92.6671,

74.6751.

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

79.3878, 92.6671, 74.6751

Protanopia

87.2469, 92.3920, 81.6416

Deuteranopia

89.1707, 92.1934, 94.7567



Tritanopia

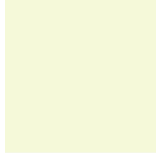
87.9287, 92.6188, 107.8506

Trichromacy



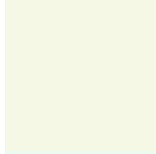
Original Color

79.3878, 92.6671, 74.6751



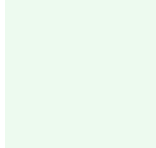
Protanomaly

84.0563, 92.1736, 79.0067



Deuteranomaly

85.2272, 92.1487, 86.6933



Tritanomaly

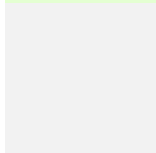
84.6906, 92.6077, 95.0728

Monochromacy



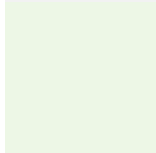
Original Color

79.3878, 92.6671, 74.6751



Achromatopsia

84.3971, 88.7923, 96.6948



Achromatomaly

82.4687, 90.2392, 87.9343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3878, 92.6671, 74.6751 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(228, 255, 210)` looks like.

```
.text, #text, p{  
    color:rgb(228, 255, 210)  
}
```

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(228, 255, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 255, 210) }
```

Border

The CSS property to change the border of an element to XYZ 79.3878, 92.6671, 74.6751 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(228, 255, 210) }
```


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

```
.border{ border-color:rgb(228, 255, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 255, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 255, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 255, 210);  
box-shadow:4px 4px 4px 4px rgb(228, 255,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3878, 92.6671, 74.6751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 255, 210) }
```

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

```
.background{ background-color: rgb(228,  
255, 210) }
```

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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