

Converting Colors

XYZ(78.9896, 92.8445, 57.3701)

Have a look what the booklet for
XYZ(78.9896, 92.8445, 57.3701)
contains.

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Color

**XYZ(79.0255, 92.8607,
57.4749)**

Conversions

Conversions Part 1

Format	Color
Hex	EDFFB5
RGB	237, 255, 181
RGB Percent	93%, 100%, 71%
CMY	0.0706, 0.0000, 0.2902
CMYK	0.07, 0.00, 0.29, 0.00
HSL	75°, 100%, 85%
HSV	75°, 29%, 100%
XYZ	79.0255, 92.8607, 57.4749
YIQ	241.1820, 13.0260, -26.8300

Conversions

Conversions Part 2

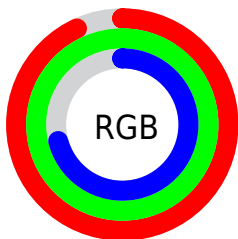
Format	Color
RYB	181, 255, 199
Decimal	15597493
CIELab	97.17, -17.65, 33.49
CIELCh	97, 37.852, 117.786
Yxy	92.8607, 0.3445, 0.4049
Android (android.graphics.Color)	4293787573 (0xFFEDFFB5)
YUV	241.1820, -29.6697, -3.6676
Hunter-Lab	96.3643, -22.2548, 32.0924

Details

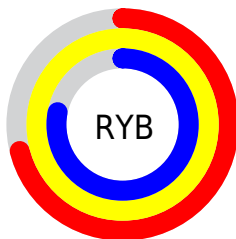
The XYZ color **79.0255, 92.8607, 57.4749** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **58.1281, 52.4112, 101.6604**, and the grayscale version is **83.9708, 88.3438, 96.2064**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **42.8472, 51.6238, 27.7848** is the 20% darker color. If you saturate the color by 10%, you get **74.6084, 90.8587, 44.8373**, and if you desaturate by 10%, it is **83.9940, 95.0915, 72.6406**.

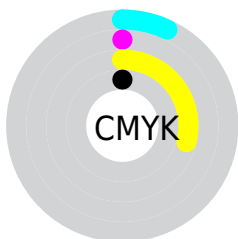
Distribution



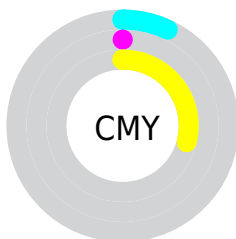
- Red (93%)
- Green (100%)
- Blue (71%)



- Red (71%)
- Yellow (100%)
- Blue (78%)



- Cyan (7%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)





- Cyan (7%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.0255, 92.8607, 57.4749 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 79.0255, 92.8607, 57.4749 by changing the saturation by 10% instead.


 79.0255, 92.8607,
57.4749

 79.0255, 92.8607,
57.4749


480.4293,
537.2933, 432.7699

 59.2225, 70.3557,
40.9747


 130.9525,
151.3057, 102.6650

 43.0393, 51.8166,
27.9798


163.8072,
188.0146, 132.1920

 30.1106, 36.8589,
18.0715


201.7431,
230.2269, 166.8984

 20.0710, 25.0983,
10.8314

245.1257,
278.3270, 207.2027

 12.5553, 16.1503,
5.8408

294.3203,
332.6993, 253.5235

 7.1979, 9.6306,
2.6813

349.6921,

 3.6336, 5.1547,

393.7281, 306.2793

0.9340

411.6067,
461.7980, 365.8886

■ 1.4970, 2.3383,
0.0000

■ 0.3238, 0.7939,
0.0000

■ 79.0255, 92.8607,
57.4749

■ 79.0255, 92.8607,
57.4749

■ 74.6084, 90.8587,
44.8373

■ 83.9940, 95.0915,
72.6406

■ 70.7146, 89.0743,
34.5860

■ 89.5376, 97.5607,
90.4577

■ 67.3151, 87.4956,
26.5714

95.0500, 100.0000,
108.9000

■ 64.3773, 86.1097,
20.6254

■ 61.8640, 84.9015,
16.5561

■ 59.7313, 83.8534,
14.1359

■ 57.9144, 82.9394,
13.0284

■ 57.7452, 82.8538,
12.9489

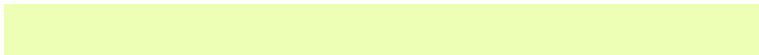
Harmonies

Analogous

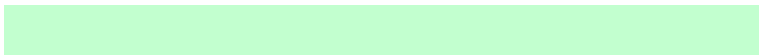
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.0573, 92.8607, 52.9721



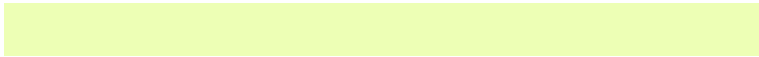
79.0255, 92.8607, 57.4749



71.9942, 92.8607, 72.8737

Triad

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



79.0255, 92.8607, 57.4749



77.7554, 92.8607, 159.5124



110.4252, 92.8607, 103.3995

Complementary

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



79.0255, 92.8607, 57.4749



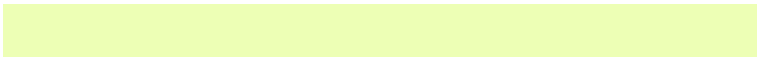
58.1281, 52.4112, 101.6604

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.



106.8109, 92.8607, 135.8330



79.0255, 92.8607, 57.4749



87.4700, 92.8607, 172.0427

Square

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



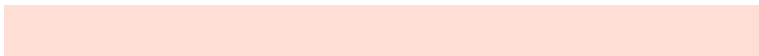
79.0255, 92.8607, 57.4749



71.3035, 92.8607, 131.0959



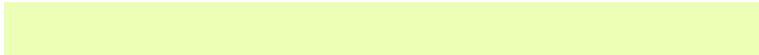
98.1901, 92.8607, 162.6126



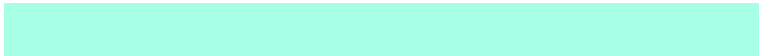
107.7148, 92.8607, 76.0844

Rectangle

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



79.0255, 92.8607, 57.4749



69.6646, 92.8607, 89.1647



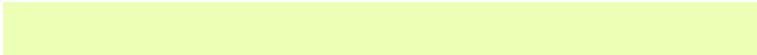
98.1901, 92.8607, 162.6126



109.9039, 92.8607, 114.0761

Sweetspot

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



79.0259, 92.8609, 57.4762



89.5485, 97.5656, 90.4935



69.8363, 65.1074, 52.6036



18.9865, 20.8029, 18.7780



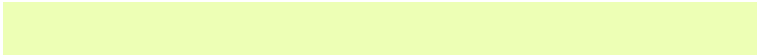
0.0000, 0.0000, 0.0000



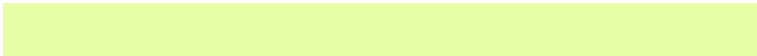
20.3446, 21.4041, 23.3091

Same Dimension

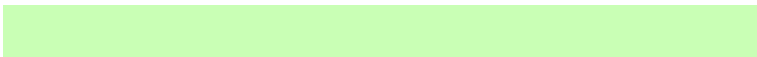
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.0259, 92.8609, 57.4762



76.3191, 91.6365, 49.6214



68.1170, 87.2371, 56.9657



19.1042, 20.8551, 19.1629



30.3147, 43.3659, 6.7727



3.0497, 4.2730, 0.6640

Inverse Universe

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



58.1281, 52.4112, 101.6604



52.2470, 45.0245, 100.5446



68.9237, 57.9765, 102.1656



17.4168, 17.5911, 22.7274



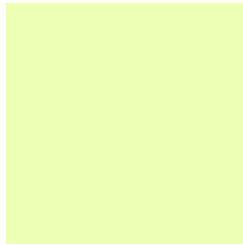
10.5818, 4.3656, 49.7195



1.1237, 0.4732, 4.8454

Previews

White Background



This preview shows how the XYZ color 79.0255, 92.8607, 57.4749 looks on a white background.

Color Contrast Check

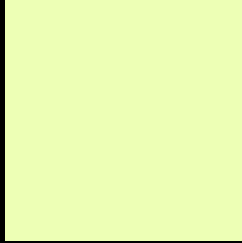
Large Text (above 18pt) WCAG AA × Fail

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 79.0255, 92.8607, 57.4749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

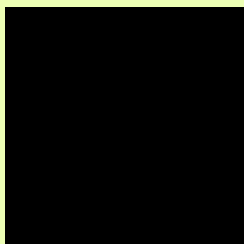
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

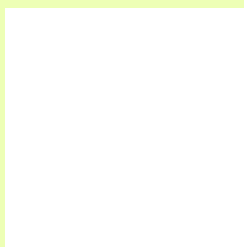
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.0255, 92.8607, 57.4749

Background



This preview shows how black text looks on a background with the XYZ color 79.0255, 92.8607, 57.4749.

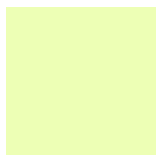


This preview shows how white text looks on a background with the XYZ color 79.0255, 92.8607,

Color Blindness Simulation

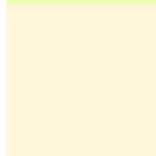
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



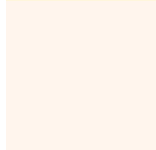
Original Color

79.0255, 92.8607, 57.4749



Protanopia

87.1140, 92.3388, 80.9419



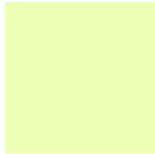
Deuteranopia

89.1785, 92.6792, 93.3094

Tritanopia

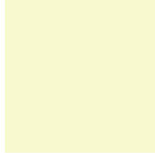
89.3635, 92.9057, 107.8304

Trichromacy



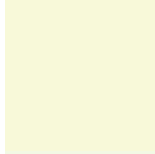
Original Color

79.0255, 92.8607, 57.4749



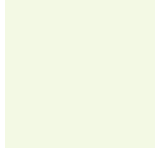
Protanomaly

83.7277, 92.1641, 71.7690



Deuteranomaly

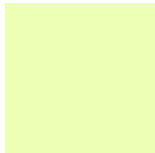
85.1115, 92.7176, 79.0561



Tritanomaly

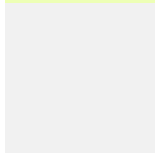
84.8414, 92.4075, 86.7636

Monochromacy



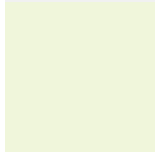
Original Color

79.0255, 92.8607, 57.4749



Achromatopsia

83.6081, 87.9622, 95.7909



Achromatomaly

81.6771, 89.5513, 79.9981

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.0255, 92.8607, 57.4749 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(237, 255, 181)` looks like.

```
.text, #text, p{  
    color:rgb(237, 255, 181)  
}
```

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(237, 255, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 255, 181) }
```

Border

The CSS property to change the border of an element to XYZ 79.0255, 92.8607, 57.4749 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(237, 255, 181) }
```


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

```
.border{ border-color:rgb(237, 255, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 255, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 255, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 255, 181);  
box-shadow:4px 4px 4px 4px rgb(237, 255,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 79.0255, 92.8607, 57.4749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 255, 181) }
```

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

```
.background{ background-color: rgb(237,  
255, 181) }
```

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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