

Converting Colors

XYZ(78.7392, 91.5679, 69.7304)

Have a look what the booklet for
XYZ(78.7392, 91.5679, 69.7304)
contains.

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Color

**XYZ(78.8598, 91.5513,
70.0147)**

Conversions

Conversions Part 1

Format	Color
Hex	E7FDCB
RGB	231, 253, 203
RGB Percent	91%, 99%, 80%
CMY	0.0941, 0.0078, 0.2039
CMYK	0.09, 0.00, 0.20, 0.01
HSL	86°, 93%, 89%
HSV	86°, 20%, 99%
XYZ	78.8598, 91.5513, 70.0147
YIQ	240.7220, 2.9380, -20.2140

Conversions

Conversions Part 2

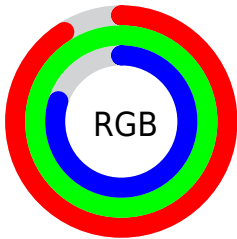
Format	Color
R_{YB}	203, 253, 225
Decimal	15203787
CIE _{Lab}	96.64, -15.67, 21.57
CIE _{LCh}	97, 26.666, 125.992
Yxy	91.5513, 0.3280, 0.3808
Android (android.graphics.Color)	4293393867 (0xFFE7FDCB)
YUV	240.7220, -18.5969, -8.5262
Hunter-Lab	95.6824, -20.3277, 23.5928

Details

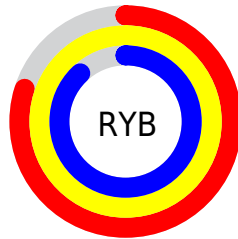
The XYZ color **78.8598, 91.5513, 70.0147** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **70.1405, 65.8138, 101.9400**, and the grayscale version is **83.5326, 87.8828, 95.7044**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.8439, 50.7637, 35.9740** is the 20% darker color. If you saturate the color by 10%, you get **72.6081, 88.6516, 55.2471**, and if you desaturate by 10%, it is **85.8371, 94.7737, 87.3883**.

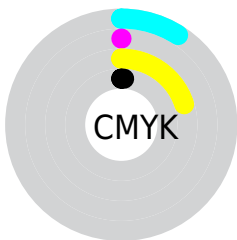
Distribution



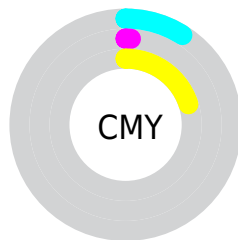
- Red (91%)
- Green (99%)
- Blue (80%)



- Red (80%)
- Yellow (99%)
- Blue (88%)



- Cyan (9%)
- Magenta (0%)
- Yellow (20%)
- Black (1%)



- Cyan (9%)
- Magenta (1%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.8598, 91.5513, 70.0147 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 78.8598, 91.5513, 70.0147 by changing the saturation by 10% instead.

78.8598, 91.5513,
70.0147

78.8598, 91.5513,
70.0147

479.8772,
533.0643, 479.3921

59.0858, 69.2680,
51.0616

130.7204,
149.4914, 120.9110

42.9288, 50.9300,
35.8806

163.5378,
185.9169, 153.6914

30.0235, 36.1529,
24.0530

201.4336,
227.8253, 191.9179

20.0046, 24.5523,
15.1604

244.7732,
275.6010, 236.0092

12.5067, 15.7438,
8.7842

293.9220,
329.6284, 286.3837

7.1644, 9.3431,
4.5058

349.2454,

3.6124, 4.9656,

390.2918, 343.4600

1.9067

411.1087,
457.9756, 407.6566

■ 1.4853, 2.2271,
0.4970

■ 0.3158, 0.7347,
0.0000

■ 78.8598, 91.5513,
70.0147

■ 78.8598, 91.5513,
70.0147

■ 72.6081, 88.6516,
55.2471

■ 85.8371, 94.7737,
87.3883

■ 67.0466, 86.0509,
42.9540

■ 93.5590, 98.3178,
107.4793

■ 62.1477, 83.7406,
33.0010

■ 94.4171, 98.7343,
108.6890

■ 57.8785, 81.7071,
25.2389

■ 54.2028, 79.9354,
19.5011

■ 51.0798, 78.4086,
15.5972

■ 48.4614, 77.1069,
13.3003

■ 46.2737, 76.0002,
12.2478

■ 46.2254, 75.9757,
12.2284

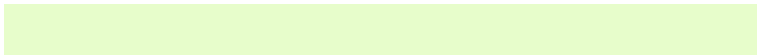
Harmonies

Analogous

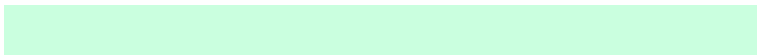
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.5285, 91.5513, 64.1687



78.8598, 91.5513, 70.0147



74.5654, 91.5513, 83.8932

Triad

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



78.8598, 91.5513, 70.0147



81.3127, 91.5513, 142.0956



102.0693, 91.5513, 95.4582

Complementary

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



78.8598, 91.5513, 70.0147



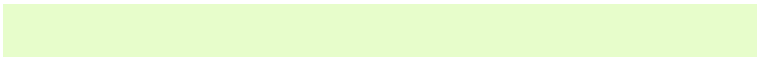
70.1405, 65.8138, 101.9400

Split Complementary

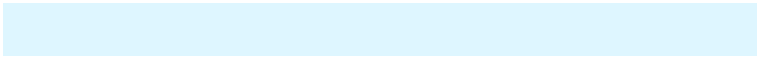
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



100.7823, 91.5513, 117.3411



78.8598, 91.5513, 70.0147



88.5222, 91.5513, 146.3525

Square

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



78.8598, 91.5513, 70.0147



75.9240, 91.5513, 125.8149



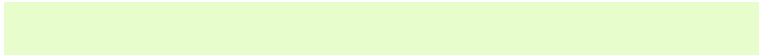
95.7177, 91.5513, 136.7349



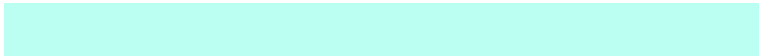
99.1406, 91.5513, 77.4472

Rectangle

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



78.8598, 91.5513, 70.0147



73.4833, 91.5513, 96.8414



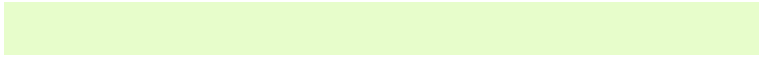
95.7177, 91.5513, 136.7349



102.1175, 91.5513, 102.5813

Sweetspot

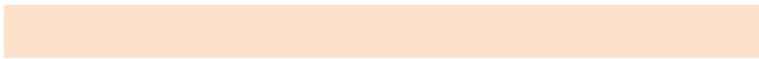
The Sweet Spot groups the original color and five complimentary colors.



78.8622, 91.5553, 70.0167



90.2498, 97.7988, 96.3250



78.1261, 78.8680, 67.6066



19.2089, 20.8832, 20.3377



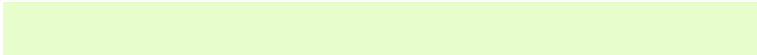
0.0000, 0.0000, 0.0000



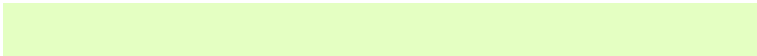
20.3446, 21.4041, 23.3091

Same Dimension

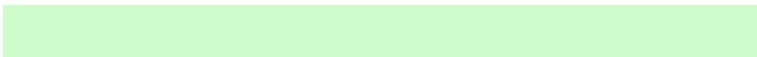
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.8622, 91.5553, 70.0167



77.4917, 91.9112, 64.5776



71.4538, 87.7361, 69.6700



18.7446, 20.6698, 19.1460



24.7593, 40.5020, 6.5127



2.5363, 4.0083, 0.6400

Inverse Universe

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



70.1405, 65.8138, 101.9400



67.0345, 61.0447, 102.8574



78.3940, 70.0686, 102.3262



17.7616, 17.7688, 22.7435



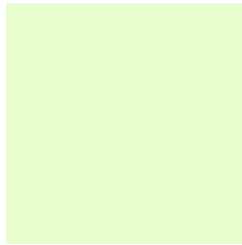
13.1022, 5.6649, 49.8375



1.3987, 0.6150, 4.8583

Previews

White Background



This preview shows how the XYZ color 78.8598, 91.5513, 70.0147 looks on a white background.

Color Contrast Check

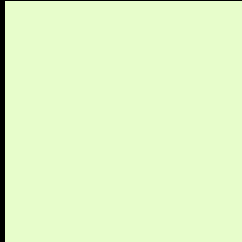
Large Text (above 18pt) WCAG AA × Fail

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 78.8598, 91.5513, 70.0147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

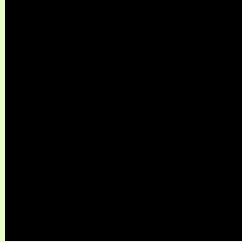
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

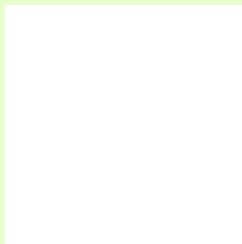
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.8598, 91.5513, 70.0147

Background



This preview shows how black text looks on a background with the XYZ color 78.8598, 91.5513, 70.0147.



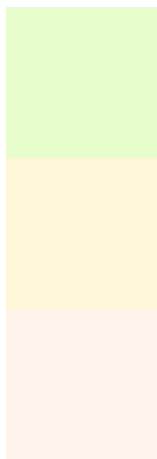
This preview shows how white text looks on a background with the XYZ color 78.8598, 91.5513,

70.0147.

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

78.8598, 91.5513, 70.0147

Protanopia

86.1581, 91.4711, 77.4046

Deuteranopia

88.4309, 91.4173, 92.3414

Tritanopia

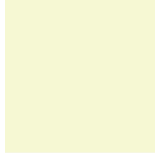
87.3204, 91.4021, 107.6478

Trichromacy



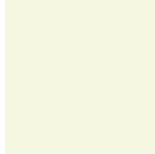
Original Color

78.8598, 91.5513, 70.0147



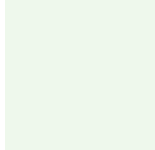
Protanomaly

83.3313, 91.4308, 74.8839



Deuteranomaly

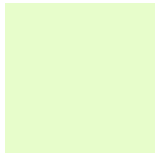
84.7213, 91.4962, 83.7162



Tritanomaly

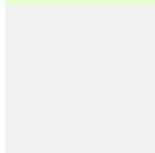
83.9676, 91.3681, 92.5671

Monochromacy



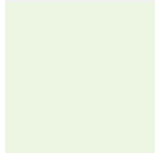
Original Color

78.8598, 91.5513, 70.0147



Achromatopsia

83.6081, 87.9622, 95.7909



Achromatomaly

81.4426, 88.8554, 85.5314

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.8598, 91.5513, 70.0147 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, 253, 203)` looks like.

```
.text, #text, p{  
    color:rgb(231, 253, 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(231, 253, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 253, 203) }
```

Border

The CSS property to change the border of an element to XYZ 78.8598, 91.5513, 70.0147 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, 253, 203) }
```


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

```
.border{ border-color:rgb(231, 253, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 253, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 253, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 253, 203);  
box-shadow:4px 4px 4px 4px rgb(231, 253,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 78.8598, 91.5513, 70.0147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 253, 203) }
```

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

```
.background{ background-color: rgb(231,  
253, 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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