

Converting Colors

XYZ(79.1298, 92.6874, 67.7413)

Have a look what the booklet for
XYZ(79.1298, 92.6874, 67.7413)
contains.

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Color

**XYZ(79.0238, 92.6324,
67.7477)**

Conversions

Conversions Part 1

Format	Color
Hex	E7FFC7
RGB	231, 255, 199
RGB Percent	91%, 100%, 78%
CMY	0.0941, 0.0000, 0.2196
CMYK	0.09, 0.00, 0.22, 0.00
HSL	86°, 100%, 89%
HSV	86°, 22%, 100%
XYZ	79.0238, 92.6324, 67.7477
YIQ	241.4400, 3.6720, -22.5040

Conversions

Conversions Part 2

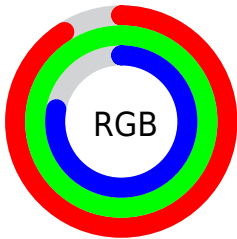
Format	Color
RYB	199, 255, 223
Decimal	15204295
CIELab	97.08, -17.25, 24.22
CIELCh	97, 29.734, 125.457
Yxy	92.6324, 0.3301, 0.3869
Android (android.graphics.Color)	4293394375 (0xFFE7FFC7)
YUV	241.4400, -20.9229, -9.1559
Hunter-Lab	96.2457, -21.8703, 25.6376

Details

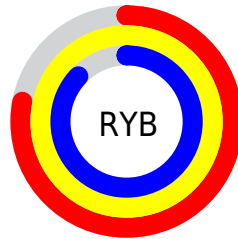
The XYZ color **79.0238, 92.6324, 67.7477** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **68.9058, 63.7561, 103.2822**, and the grayscale version is **84.1130, 88.4934, 96.3693**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.9841, 51.5465, 34.4720** is the 20% darker color. If you saturate the color by 10%, you get **72.8886, 89.7835, 53.2788**, and if you desaturate by 10%, it is **85.8765, 95.7939, 84.8426**.

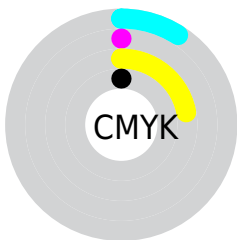
Distribution



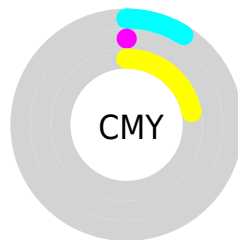
- Red (91%)
- Green (100%)
- Blue (78%)



- Red (78%)
- Yellow (100%)
- Blue (87%)



- Cyan (9%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)



- Cyan (9%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.0238, 92.6324, 67.7477 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 79.0238, 92.6324, 67.7477 by changing the saturation by 10% instead.

79.0238, 92.6324,
67.7477

79.0238, 92.6324,
67.7477

480.4236,
536.5573, 471.1753

59.2211, 70.1660,
49.2271

130.9501,
150.9896, 117.6419

43.0382, 51.6619,
34.4328

163.8044,
187.6492, 149.8526

30.1097, 36.7356,
22.9462

201.7400,
229.8086, 187.4638

20.0704, 25.0029,
14.3489

245.1221,
277.8522, 230.8940

12.5548, 16.0792,
8.2222

294.3162,
332.1646, 280.5617

7.1976, 9.5802,
4.1477

349.6875,

3.6334, 5.1215,

393.1299, 336.8854

1.7067

411.6016,
461.1327, 400.2838

■ 1.4969, 2.3187,
0.3653

■ 0.3237, 0.7836,
0.0000

■ 79.0238, 92.6324,
67.7477

■ 79.0238, 92.6324,
67.7477

■ 72.8886, 89.7835,
53.2788

■ 85.8765, 95.7939,
84.8426

■ 67.4407, 87.2345,
41.3013

■ 93.4720, 99.2783,
104.6805

■ 62.6495, 84.9727,
31.6753

95.0500, 100.0000,
108.9000

■ 58.4815, 82.9841,
24.2450

■ 54.8991, 81.2533,
18.8361

■ 51.8597, 79.7627,
15.2475

■ 49.3127, 78.4916,
13.2369

■ 47.5633, 77.6048,
12.4724

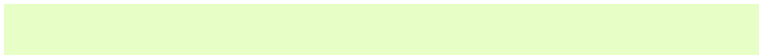
Harmonies

Analogous

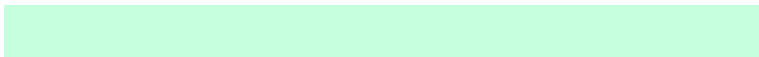
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.5207, 92.6324, 61.5438



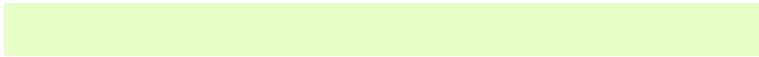
79.0238, 92.6324, 67.7477



74.1850, 92.6324, 82.8812

Triad

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



79.0238, 92.6324, 67.7477



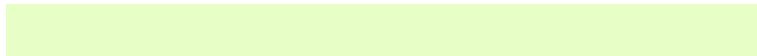
81.5194, 92.6324, 148.9327



105.0786, 92.6324, 96.5353

Complementary

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



79.0238, 92.6324, 67.7477



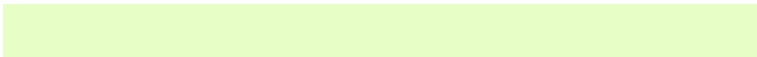
68.9058, 63.7561, 103.2822

Split Complementary

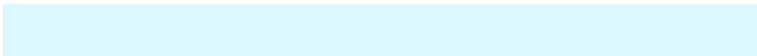
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



103.5305, 92.6324, 121.2693



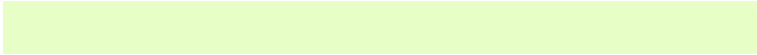
79.0238, 92.6324, 67.7477



89.5857, 92.6324, 154.1271

Square

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



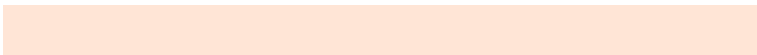
79.0238, 92.6324, 67.7477



75.5605, 92.6324, 130.0695



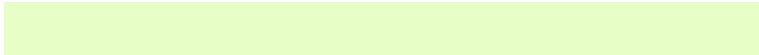
97.7264, 92.6324, 143.3136



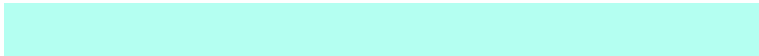
101.8325, 92.6324, 76.3892

Rectangle

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



79.0238, 92.6324, 67.7477



72.9385, 92.6324, 97.2500



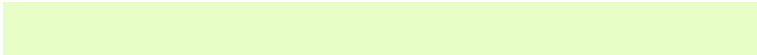
97.7264, 92.6324, 143.3136



105.1038, 92.6324, 104.5602

Sweetspot

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



79.0244, 92.6327, 67.7491



89.5493, 97.4810, 94.3317



77.7593, 77.8041, 64.9535



19.0695, 20.8201, 19.9359



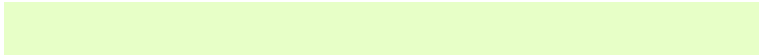
0.0000, 0.0000, 0.0000



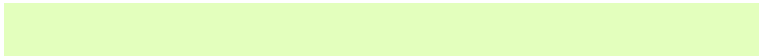
20.3446, 21.4041, 23.3091

Same Dimension

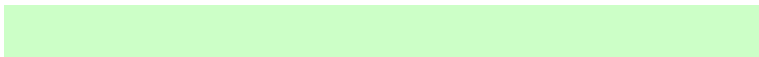
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.0244, 92.6327, 67.7491



76.4608, 91.4447, 61.5942



70.8802, 88.4342, 67.3679



18.7653, 20.6805, 19.1470



25.0272, 40.6401, 6.5253



2.5619, 4.0215, 0.6412

Inverse Universe

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



68.9058, 63.7561, 103.2822



64.8324, 58.2555, 102.4351



78.0179, 68.4536, 103.7086



17.7412, 17.7583, 22.7426



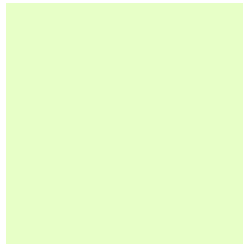
12.9081, 5.5648, 49.8284



1.3789, 0.6047, 4.8573

Previews

White Background



This preview shows how the XYZ color 79.0238, 92.6324, 67.7477 looks on a white background.

Color Contrast Check

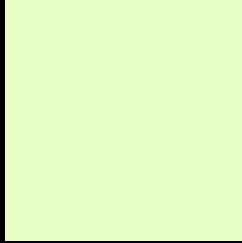
Large Text (above 18pt) WCAG AA × Fail

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 79.0238, 92.6324, 67.7477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

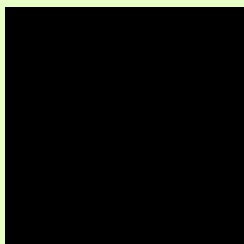
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

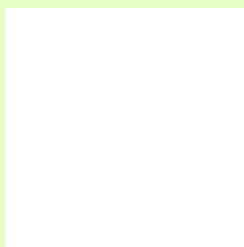
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.0238, 92.6324, 67.7477

Background



This preview shows how black text looks on a background with the XYZ color 79.0238, 92.6324, 67.7477.

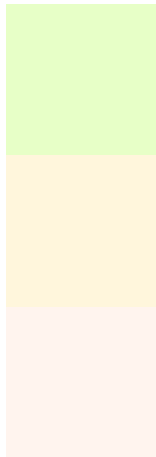


This preview shows how white text looks on a background with the XYZ color 79.0238, 92.6324,

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

79.0238, 92.6324, 67.7477

Protanopia

87.1140, 92.3388, 80.9419

Deuteranopia

89.0233, 92.1344, 93.9806

Tritanopia

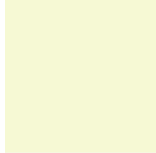
88.3140, 92.3646, 107.7813

Trichromacy



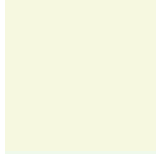
Original Color

79.0238, 92.6324, 67.7477



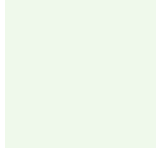
Protanomaly

83.7654, 92.0977, 75.6491



Deuteranomaly

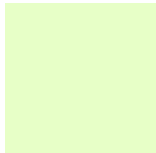
85.0280, 92.1095, 83.8185



Tritanomaly

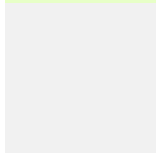
84.4677, 92.1002, 91.9225

Monochromacy



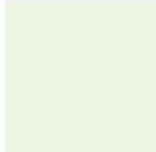
Original Color

79.0238, 92.6324, 67.7477



Achromatopsia

83.6081, 87.9622, 95.7909



Achromatomaly

81.6083, 89.4070, 84.9076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.0238, 92.6324, 67.7477 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, 255, 199)` looks like.

```
.text, #text, p{  
    color:rgb(231, 255, 199)  
}
```

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, 255, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 255, 199) }
```

Border

The CSS property to change the border of an element to XYZ 79.0238, 92.6324, 67.7477 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, 255, 199) }
```


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

```
.border{ border-color:rgb(231, 255, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 255, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 255, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 255, 199);  
box-shadow:4px 4px 4px 4px rgb(231, 255,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 79.0238, 92.6324, 67.7477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 255, 199) }
```

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

```
.background{ background-color: rgb(231,  
255, 199) }
```

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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