

Converting Colors

XYZ(79.4423, 92.8495, 67.7067)

Have a look what the booklet for
XYZ(79.4423, 92.8495, 67.7067)
contains.

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Color

**XYZ(79.3475, 92.7993,
67.7628)**

Conversions

Conversions Part 1

Format	Color
Hex	E8FFC7
RGB	232, 255, 199
RGB Percent	91%, 100%, 78%
CMY	0.0902, 0.0000, 0.2196
CMYK	0.09, 0.00, 0.22, 0.00
HSL	85°, 100%, 89%
HSV	85°, 22%, 100%
XYZ	79.3475, 92.7993, 67.7628
YIQ	241.7390, 4.2680, -22.2920

Conversions

Conversions Part 2

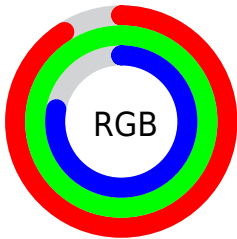
Format	Color
RYB	199, 255, 222
Decimal	15269831
CIELab	97.15, -16.90, 24.32
CIELCh	97, 29.619, 124.791
Yxy	92.7993, 0.3307, 0.3868
Android (android.graphics.Color)	4293459911 (0xFFE8FFC7)
YUV	241.7390, -21.0703, -8.5411
Hunter-Lab	96.3324, -21.5540, 25.7265

Details

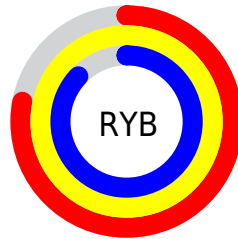
The XYZ color **79.3475, 92.7993, 67.7628** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **68.5985, 63.5976, 103.2678**, and the grayscale version is **84.3500, 88.7428, 96.6409**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2094, 51.6626, 34.4826** is the 20% darker color. If you saturate the color by 10%, you get **73.3312, 90.0117, 53.2994**, and if you desaturate by 10%, it is **86.0637, 95.8904, 84.8513**.

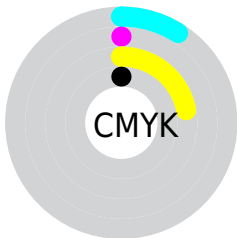
Distribution



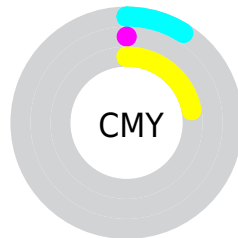
- Red (91%)
- Green (100%)
- Blue (78%)



- 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 79.3475, 92.7993, 67.7628 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 79.3475, 92.7993, 67.7628 by changing the saturation by 10% instead.


 79.3475, 92.7993,
67.7628

 79.3475, 92.7993,
67.7628


481.5012,
537.0954, 471.2304

 59.4882, 70.3047,
49.2393


131.4033,
151.2207, 117.6637

 43.2541, 51.7750,
34.4424


164.3305,
187.9163, 149.8783

 30.2799, 36.8257,
22.9536


202.3444,
230.1144, 187.4936

 20.2003, 25.0726,
14.3542

245.8103,
278.1993, 230.9282

 12.6498, 16.1312,
8.2259

295.0936,
332.5555, 280.6006

 7.2632, 9.6170,
4.1500

350.5596,

 3.6750, 5.1458,

393.5673, 336.9294

1.7080

412.5737,
461.6191, 400.3332

■ 1.5200, 2.3330,
0.3662

■ 0.3394, 0.7911,
0.0000

■ 79.3475, 92.7993,
67.7628

■ 79.3475, 92.7993,
67.7628

■ 73.3312, 90.0117,
53.2994

■ 86.0637, 95.8904,
84.8513

■ 67.9850, 87.5151,
41.3268

■ 93.5045, 99.2950,
104.6819

■ 63.2790, 85.2972,
31.7048

■ 95.0500, 100.0000,
108.9000

■ 59.1799, 83.3442,
24.2777

■ 55.6510, 81.6409,
18.8712

■ 52.6500, 80.1702,
15.2844

■ 50.1271, 78.9114,
13.2750

■ 48.3870, 78.0295,
12.5109

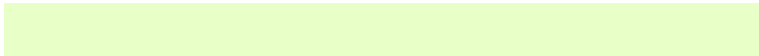
Harmonies

Analogous

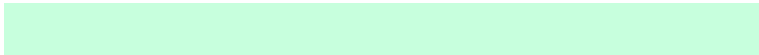
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.8675, 92.7993, 61.7684



79.3475, 92.7993, 67.7628



74.4474, 92.7993, 82.6804

Triad

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



79.3475, 92.7993, 67.7628



81.5338, 92.7993, 148.6659



105.2059, 92.7993, 97.2471

Complementary

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



79.3475, 92.7993, 67.7628



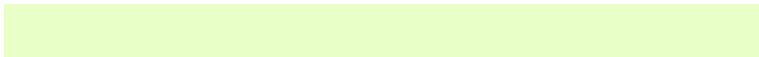
68.5985, 63.5976, 103.2678

Split Complementary

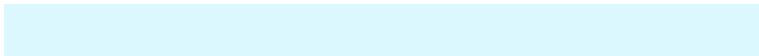
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



103.5564, 92.7993, 121.9402



79.3475, 92.7993, 67.7628



89.5520, 92.7993, 154.1953

Square

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



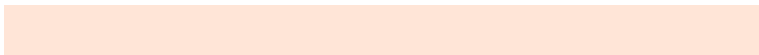
79.3475, 92.7993, 67.7628



75.6527, 92.7993, 129.6443



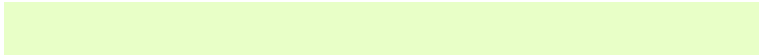
97.6939, 92.7993, 143.7483



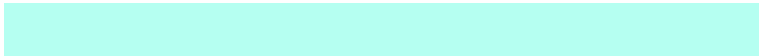
102.0697, 92.7993, 76.9912

Rectangle

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



79.3475, 92.7993, 67.7628



73.1474, 92.7993, 96.9216



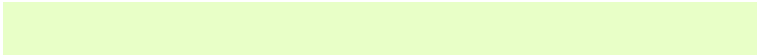
97.6939, 92.7993, 143.7483



105.1944, 92.7993, 105.2789

Sweetspot

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



79.3480, 92.7996, 67.7642



89.6620, 97.5392, 94.3370



77.5116, 77.3087, 64.8709



19.0956, 20.8336, 19.9371



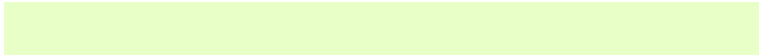
0.0000, 0.0000, 0.0000



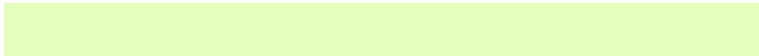
20.3446, 21.4041, 23.3091

Same Dimension

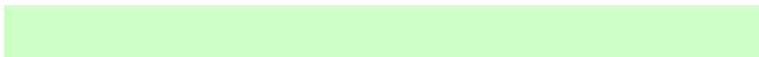
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.3480, 92.7996, 67.7642



76.8346, 91.6374, 61.6117



71.1362, 88.5662, 67.3799



18.7976, 20.6971, 19.1485



25.4570, 40.8616, 6.5454



2.6028, 4.0425, 0.6431

Inverse Universe

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



68.5985, 63.5976, 103.2678



64.4815, 58.0746, 102.4187



77.6837, 68.2812, 103.6930



17.7096, 17.7420, 22.7411



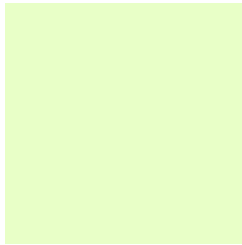
12.6186, 5.4156, 49.8148



1.3490, 0.5894, 4.8559

Previews

White Background



This preview shows how the XYZ color 79.3475, 92.7993, 67.7628 looks on a white background.

Color Contrast Check

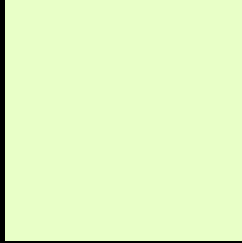
Large Text (above 18pt) WCAG AA × Fail

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 79.3475, 92.7993, 67.7628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

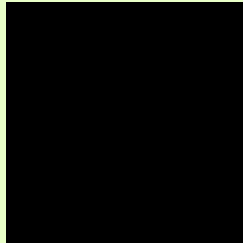
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

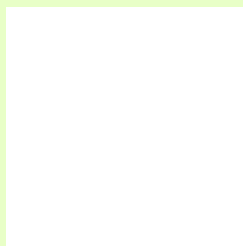
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.3475, 92.7993, 67.7628

Background



This preview shows how black text looks on a background with the XYZ color 79.3475, 92.7993, 67.7628.



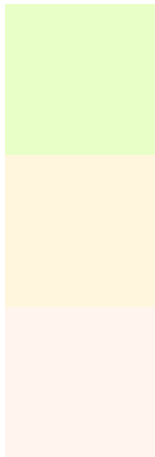
This preview shows how white text looks on a background with the XYZ color 79.3475, 92.7993,

67.7628.

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

79.3475, 92.7993, 67.7628

Protanopia

87.2469, 92.3920, 81.6416

Deuteranopia

89.3250, 92.7379, 94.0812

Tritanopia

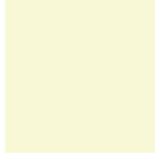
88.3140, 92.3646, 107.7813

Trichromacy



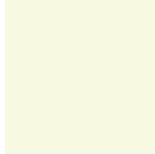
Original Color

79.3475, 92.7993, 67.7628



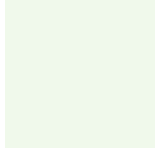
Protanomaly

84.2437, 92.3296, 76.3321



Deuteranomaly

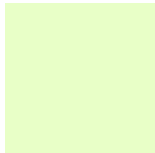
85.6880, 92.9073, 83.9377



Tritanomaly

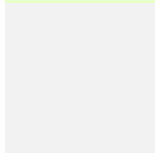
84.8063, 92.2748, 91.9383

Monochromacy



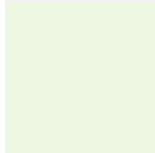
Original Color

79.3475, 92.7993, 67.7628



Achromatopsia

84.3971, 88.7923, 96.6948



Achromatomaly

82.2481, 90.1897, 85.0249

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3475, 92.7993, 67.7628 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(232, 255, 199)` looks like.

```
.text, #text, p{  
    color:rgb(232, 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(232, 255, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 255, 199) }
```

Border

The CSS property to change the border of an element to XYZ 79.3475, 92.7993, 67.7628 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(232, 255, 199) }
```


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

```
.border{ border-color:rgb(232, 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(232, 255, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 255, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 255, 199);  
box-shadow:4px 4px 4px 4px rgb(232, 255,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3475, 92.7993, 67.7628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 255, 199) }
```

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

```
.background{ background-color: rgb(232,  
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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