

Converting Colors

XYZ(79.3397, 91.2273, 68.1421)

Have a look what the booklet for
XYZ(79.3397, 91.2273, 68.1421)
contains.

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Color

**XYZ(79.4967, 91.4531,
68.1059)**

Conversions

Conversions Part 1

Format	Color
Hex	EBFCC8
RGB	235, 252, 200
RGB Percent	92%, 99%, 78%
CMY	0.0784, 0.0117, 0.2157
CMYK	0.07, 0.00, 0.21, 0.01
HSL	80°, 90%, 89%
HSV	80°, 21%, 99%
XYZ	79.4967, 91.4531, 68.1059
YIQ	240.9890, 6.5600, -19.7760

Conversions

Conversions Part 2

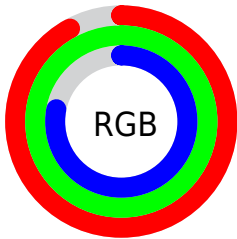
Format	Color
R _Y B	200, 252, 217
Decimal	15465672
CIE Lab	96.60, -14.24, 23.09
CIE LCh	97, 27.125, 121.656
Yxy	91.4531, 0.3325, 0.3826
Android (android.graphics.Color)	4293655752 (0xFFEBFCC8)
YUV	240.9890, -20.2076, -5.2524
Hunter-Lab	95.6311, -18.9701, 24.7170

Details

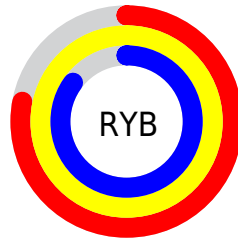
The XYZ color **79.4967, 91.4531, 68.1059** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **66.8439, 63.0911, 100.7552**, and the grayscale version is **83.7530, 88.1147, 95.9569**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2938, 50.6892, 34.6963** is the 20% darker color. If you saturate the color by 10%, you get **74.1337, 89.0039, 53.7276**, and if you desaturate by 10%, it is **85.4761, 94.1695, 85.0508**.

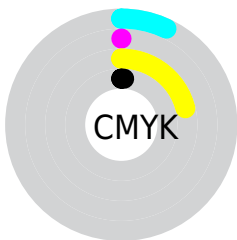
Distribution



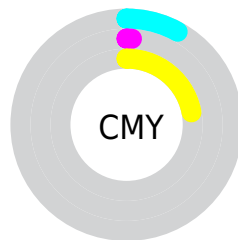
- Red (92%)
- Green (99%)
- Blue (78%)



- Red (78%)
- Yellow (99%)
- Blue (85%)



- Cyan (7%)
- Magenta (0%)
- Yellow (21%)
- Black (1%)



- Cyan (8%)
- Magenta (1%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.4967, 91.4531, 68.1059 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 79.4967, 91.4531, 68.1059 by changing the saturation by 10% instead.

79.4967, 91.4531,
68.1059

79.4967, 91.4531,
68.1059

481.9975,
532.7465, 472.4794

59.6113, 69.1865,
49.5167

131.6121,
149.3552, 118.1593

43.3537, 50.8636,
34.6610

164.5729,
185.7594, 150.4605

30.3584, 36.1001,
23.1204

202.6228,
227.6450, 188.1695

20.2602, 24.5115,
14.4763

246.1273,
275.3963, 231.7047

12.6937, 15.7135,
8.3102

295.4516,
329.3977, 281.4848

7.2935, 9.3216,
4.2034

350.9612,

3.6943, 4.9516,

390.0336, 337.9282

1.7376

413.0214,
457.6884, 401.4536

■ 1.5307, 2.2189,
0.3863

■ 0.3466, 0.7303,
0.0000

■ 79.4967, 91.4531,
68.1059

■ 79.4967, 91.4531,
68.1059

■ 74.1337, 89.0039,
53.7276

■ 85.4761, 94.1695,
85.0508

■ 69.3544, 86.7994,
41.7846

■ 92.0884, 97.1509,
104.6729

■ 65.1337, 84.8326,
32.1432

■ 94.1023, 98.1046,
108.5841

■ 61.4416, 83.0912,
24.6544

■ 58.2447, 81.5616,
19.1516

■ 55.5048, 80.2284,
15.4437

■ 53.1768, 79.0733,
13.3023

■ 51.3037, 78.1262,
12.3759

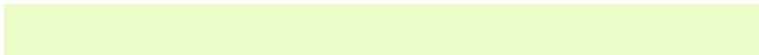
Harmonies

Analogous

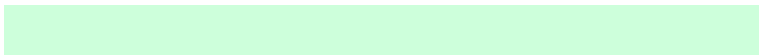
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.5028, 91.4531, 63.4107



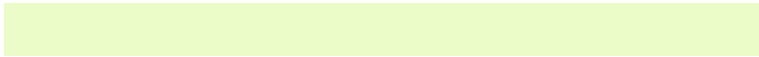
79.4967, 91.4531, 68.1059



74.7170, 91.4531, 81.0462

Triad

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



79.4967, 91.4531, 68.1059



80.1862, 91.4531, 141.0150



102.3206, 91.4531, 98.3752

Complementary

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



79.4967, 91.4531, 68.1059



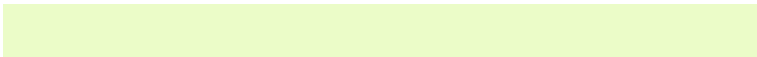
66.8439, 63.0911, 100.7552

Split Complementary

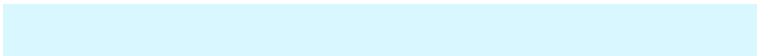
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



100.3917, 91.4531, 120.7366



79.4967, 91.4531, 68.1059



87.3454, 91.4531, 147.3972

Square

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



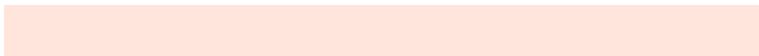
79.4967, 91.4531, 68.1059



75.0985, 91.4531, 123.1283



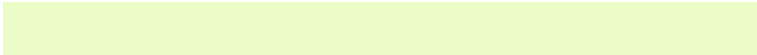
94.7989, 91.4531, 139.4990



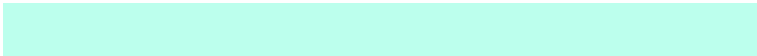
99.9287, 91.4531, 79.2381

Rectangle

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



79.4967, 91.4531, 68.1059



73.2862, 91.4531, 93.6421



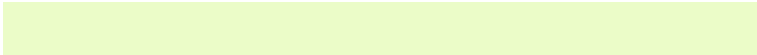
94.7989, 91.4531, 139.4990



102.1555, 91.4531, 105.7573

Sweetspot

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



79.4991, 91.4571, 68.1079



90.8669, 98.1169, 96.3539



75.2491, 74.2197, 65.0047



19.3549, 20.9585, 20.3445



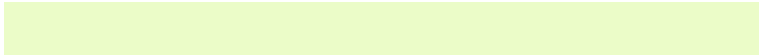
0.0000, 0.0000, 0.0000



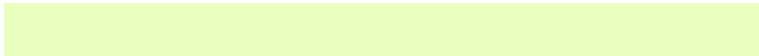
20.3446, 21.4041, 23.3091

Same Dimension

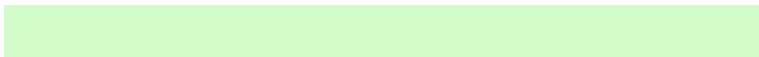
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.4991, 91.4571, 68.1079



79.1738, 92.8111, 63.1760



71.6843, 87.4284, 67.7421



18.1435, 19.8897, 18.3452



26.8849, 40.7779, 6.4540



2.6014, 3.8342, 0.6030

Inverse Universe

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



66.8439, 63.0911, 100.7552



63.9145, 58.6021, 102.5504



75.0066, 67.2991, 101.1372



16.8175, 16.9186, 21.7645



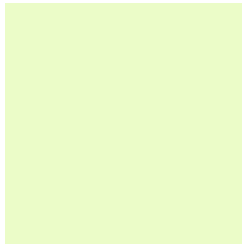
11.1209, 4.6757, 48.2899



1.1364, 0.4879, 4.4775

Previews

White Background



This preview shows how the XYZ color 79.4967, 91.4531, 68.1059 looks on a white background.

Color Contrast Check

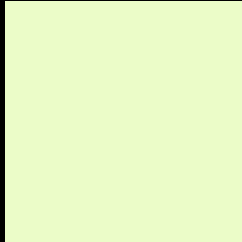
Large Text (above 18pt) WCAG AA × Fail

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 79.4967, 91.4531, 68.1059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

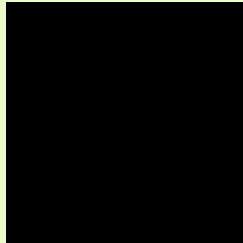
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

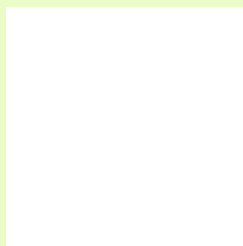
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.4967, 91.4531, 68.1059

Background



This preview shows how black text looks on a background with the XYZ color 79.4967, 91.4531, 68.1059.

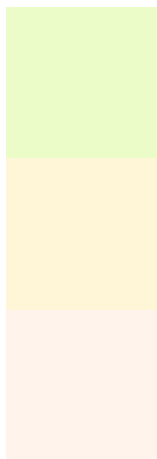


This preview shows how white text looks on a background with the XYZ color 79.4967, 91.4531,

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

79.4967, 91.4531, 68.1059

Protanopia

86.1581, 91.4711, 77.4046

Deuteranopia

88.4309, 91.4173, 92.3414



Tritanopia

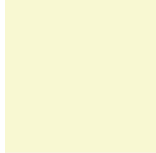
87.7089, 91.1545, 107.5796

Trichromacy



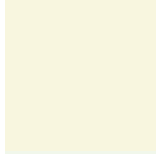
Original Color

79.4967, 91.4531, 68.1059



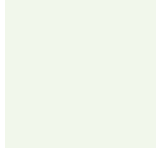
Protanomaly

83.9117, 91.7444, 74.2586



Deuteranomaly

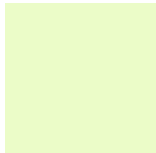
84.9864, 91.1957, 82.9353



Tritanomaly

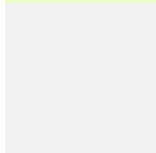
84.5318, 91.2205, 91.7493

Monochromacy



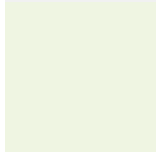
Original Color

79.4967, 91.4531, 68.1059



Achromatopsia

83.6081, 87.9622, 95.7909



Achromatomaly

81.9765, 89.1465, 84.8379

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4967, 91.4531, 68.1059 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(235, 252, 200)` looks like.

```
.text, #text, p{  
    color:rgb(235, 252, 200)  
}
```

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(235, 252, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 252, 200) }
```

Border

The CSS property to change the border of an element to XYZ 79.4967, 91.4531, 68.1059 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(235, 252, 200) }
```


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

```
.border{ border-color:rgb(235, 252, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 252, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 252, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 252, 200);  
box-shadow:4px 4px 4px 4px rgb(235, 252,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4967, 91.4531, 68.1059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 252, 200) }
```

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

```
.background{ background-color: rgb(235,  
252, 200) }
```

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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