

Converting Colors

XYZ(79.0676, 92.7236, 64.6514)

Have a look what the booklet for
XYZ(79.0676, 92.7236, 64.6514)
contains.

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Color

**XYZ(79.1019, 92.7387,
64.7702)**

Conversions

Conversions Part 1

Format	Color
Hex	E9FFC2
RGB	233, 255, 194
RGB Percent	91%, 100%, 76%
CMY	0.0863, 0.0000, 0.2392
CMYK	0.09, 0.00, 0.24, 0.00
HSL	82°, 100%, 88%
HSV	82°, 24%, 100%
XYZ	79.1019, 92.7387, 64.7702
YIQ	241.4680, 6.4690, -23.6350

Conversions

Conversions Part 2

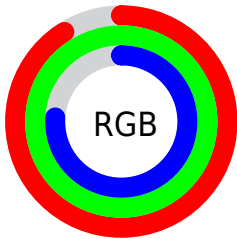
Format	Color
RYB	194, 255, 216
Decimal	15335362
CIELab	97.12, -17.28, 26.83
CIELCh	97, 31.916, 122.781
Yxy	92.7387, 0.3343, 0.3919
Android (android.graphics.Color)	4293525442 (0xFFE9FFC2)
YUV	241.4680, -23.4017, -7.4264
Hunter-Lab	96.3009, -21.9062, 27.5333

Details

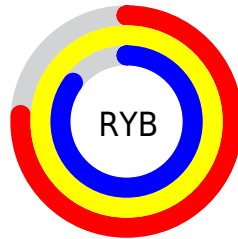
The XYZ color **79.1019, 92.7387, 64.7702** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **65.6617, 60.4038, 102.8061**, and the grayscale version is **84.1524, 88.5349, 96.4145**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **43.0592, 51.6287, 32.5068** is the 20% darker color. If you saturate the color by 10%, you get **73.5545, 90.1819, 50.8217**, and if you desaturate by 10%, it is **85.2982, 95.5732, 81.3168**.

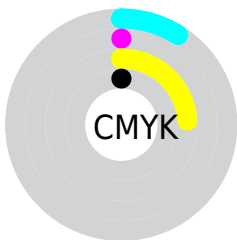
Distribution



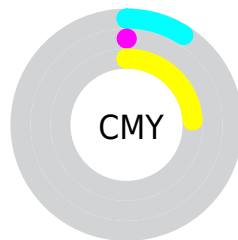
- Red (91%)
- Green (100%)
- Blue (76%)



- Red (76%)
- Yellow (100%)
- Blue (85%)



- Cyan (9%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)





- Cyan (9%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.1019, 92.7387, 64.7702 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 79.1019, 92.7387, 64.7702 by changing the saturation by 10% instead.


 79.1019, 92.7387,
64.7702

 79.1019, 92.7387,
64.7702


480.6838,
536.9000, 460.2493

 59.2855, 70.2543,
46.8246


131.0595,
151.1368, 113.3295

 43.0903, 51.7339,
32.5437


163.9314,
187.8193, 144.7803

 30.1508, 36.7930,
21.5088


201.8858,
230.0034, 181.5700

 20.1017, 25.0473,
13.3016

245.2882,
278.0733, 224.1169

 12.5777, 16.1123,
7.5034

294.5038,
332.4136, 272.8398

 7.2134, 9.6036,
3.6957

349.8980,

 3.6434, 5.1370,

393.4085, 328.1572

1.4599

411.8362,
461.4425, 390.4875

■ 1.5024, 2.3278,
0.1878

■ 0.3275, 0.7884,
0.0000

■ 79.1019, 92.7387,
64.7702

■ 79.1019, 92.7387,
64.7702

■ 73.5545, 90.1819,
50.8217

■ 85.2982, 95.5732,
81.3168

■ 68.6272, 87.8909,
39.3351

■ 92.1676, 98.6952,
100.5804

■ 64.2907, 85.8538,
30.1678

■ 95.0500, 100.0000,
108.9000

■ 60.5125, 84.0572,
23.1611

■ 57.2559, 82.4862,
18.1360

■ 54.4792, 81.1238,
14.8851

■ 52.1314, 79.9494,
13.1551

■ 50.8709, 79.3100,
12.6272

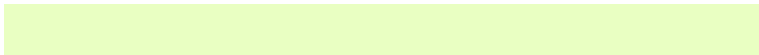
Harmonies

Analogous

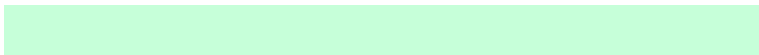
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.3082, 92.7387, 59.1150



79.1019, 92.7387, 64.7702



73.6315, 92.7387, 79.9575

Triad

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



79.1019, 92.7387, 64.7702



80.4629, 92.7387, 151.7855



106.5891, 92.7387, 98.5906

Complementary

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



79.1019, 92.7387, 64.7702



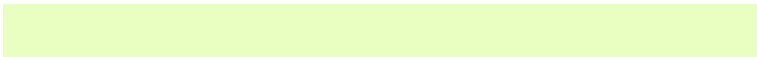
65.6617, 60.4038, 102.8061

Split Complementary

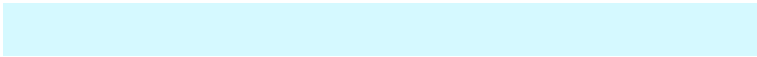
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



104.4511, 92.7387, 125.3901



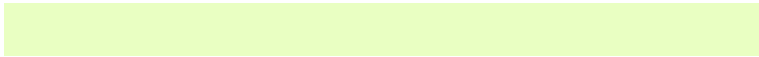
79.1019, 92.7387, 64.7702



88.9878, 92.7387, 159.0243

Square

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



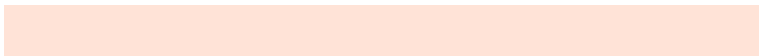
79.1019, 92.7387, 64.7702



74.3789, 92.7387, 130.2647



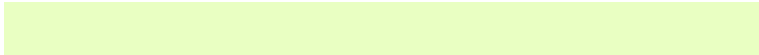
97.8531, 92.7387, 148.6513



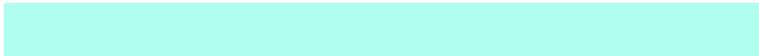
103.5135, 92.7387, 76.4447

Rectangle

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



79.1019, 92.7387, 64.7702



72.0644, 92.7387, 94.8745



97.8531, 92.7387, 148.6513



106.4565, 92.7387, 107.3351

Sweetspot

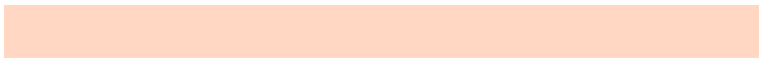
The Sweet Spot groups the original color and five complimentary colors.



79.1024, 92.7389, 64.7716



89.9791, 97.7026, 94.3518



75.3679, 73.9352, 61.3389



19.1690, 20.8714, 19.9405



0.0000, 0.0000, 0.0000



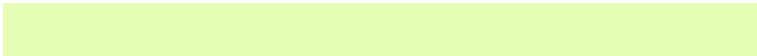
20.3446, 21.4041, 23.3091

Same Dimension

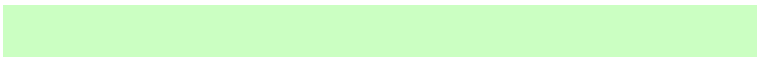
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.1024, 92.7389, 64.7716



76.2052, 91.4062, 57.3697



70.1679, 88.1330, 64.3534



18.8886, 20.7440, 19.1528



26.7503, 41.5284, 6.6059



2.7242, 4.1051, 0.6488

Inverse Universe

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



65.6617, 60.4038, 102.8061



60.5180, 53.6575, 101.7750



75.2959, 65.3704, 103.2570



17.6214, 17.6965, 22.7370



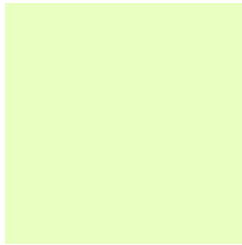
11.8840, 5.0369, 49.7804



1.2715, 0.5494, 4.8523

Previews

White Background



This preview shows how the XYZ color 79.1019, 92.7387, 64.7702 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 79.1019, 92.7387, 64.7702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

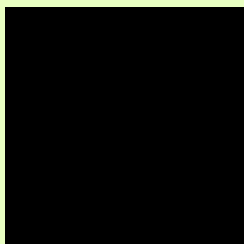
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

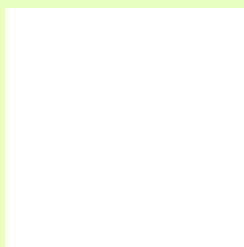
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.1019, 92.7387, 64.7702

Background



This preview shows how black text looks on a background with the XYZ color 79.1019, 92.7387, 64.7702.

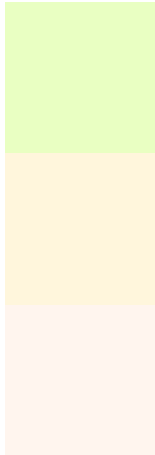


This preview shows how white text looks on a background with the XYZ color 79.1019, 92.7387,

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

79.1019, 92.7387, 64.7702

Protanopia

87.1140, 92.3388, 80.9419

Deuteranopia

89.3250, 92.7379, 94.0812

Tritanopia

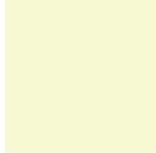
88.6620, 92.5440, 107.7975

Trichromacy



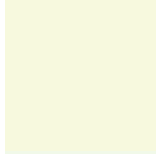
Original Color

79.1019, 92.7387, 64.7702



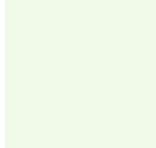
Protanomaly

83.9913, 92.2287, 75.0031



Deuteranomaly

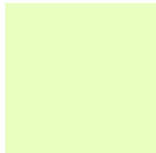
85.4183, 92.7994, 82.5173



Tritanomaly

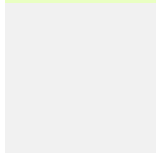
84.8593, 92.3353, 90.4407

Monochromacy



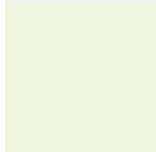
Original Color

79.1019, 92.7387, 64.7702



Achromatopsia

83.6081, 87.9622, 95.7909



Achromatomaly

81.6702, 89.4705, 83.4861

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.1019, 92.7387, 64.7702 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(233, 255, 194)` looks like.

```
.text, #text, p{  
    color:rgb(233, 255, 194)  
}
```

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(233, 255, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 255, 194) }
```

Border

The CSS property to change the border of an element to XYZ 79.1019, 92.7387, 64.7702 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(233, 255, 194) }
```


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

```
.border{ border-color:rgb(233, 255, 194) }
```

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

Here you see how a box with a 4 pixel rgb(233, 255, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 255, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 255, 194);  
box-shadow:4px 4px 4px 4px rgb(233, 255,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 79.1019, 92.7387, 64.7702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 255, 194) }
```

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

```
.background{ background-color: rgb(233,  
255, 194) }
```

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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