

Converting Colors

XYZ(82.7762, 100.0000,
60.2201)

Have a look what the booklet for
XYZ(82.7762, 100.0000, 60.2201)
contains.

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Color

**XYZ(79.3368, 92.9852,
59.1138)**

Conversions

Conversions Part 1

Format	Color
Hex	EDFFB8
RGB	237, 255, 184
RGB Percent	93%, 100%, 72%
CMY	0.0706, 0.0000, 0.2784
CMYK	0.07, 0.00, 0.28, 0.00
HSL	75°, 100%, 86%
HSV	75°, 28%, 100%
XYZ	79.3368, 92.9852, 59.1138
YIQ	241.5240, 12.0630, -25.8970

Conversions

Conversions Part 2

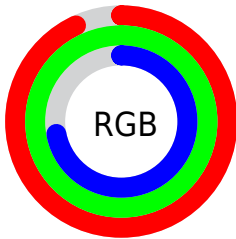
Format	Color
RYB	184, 255, 202
Decimal	15597496
CIELab	97.22, -17.25, 32.05
CIELCh	97, 36.398, 118.284
Yxy	92.9852, 0.3428, 0.4018
Android (android.graphics.Color)	4293787576 (0xFFEDFFB8)
YUV	241.5240, -28.3593, -3.9675
Hunter-Lab	96.4288, -21.8896, 31.1536

Details

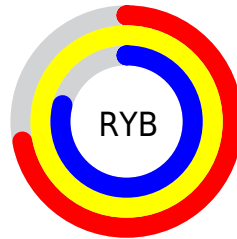
The XYZ color **79.3368, 92.9852, 59.1138** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **59.5485, 54.0587, 101.9036**, and the grayscale version is **84.2314, 88.6180, 96.5050**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **43.0457, 51.7032, 28.8301** is the 20% darker color. If you saturate the color by 10%, you get **74.7803, 90.9178, 46.1825**, and if you desaturate by 10%, it is **84.4539, 95.2860, 74.5890**.

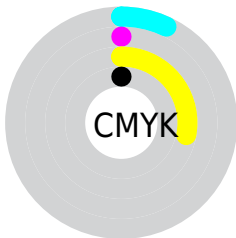
Distribution



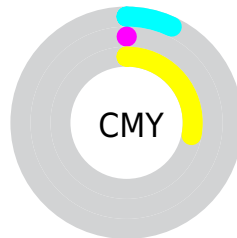
- Red (93%)
- Green (100%)
- Blue (72%)



- Red (72%)
- Yellow (100%)
- Blue (79%)



- Cyan (7%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)





- Cyan (7%)
- Magenta (0%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.3368, 92.9852, 59.1138 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 79.3368, 92.9852, 59.1138 by changing the saturation by 10% instead.


 79.3368, 92.9852,
59.1138

 79.3368, 92.9852,
59.1138


481.4656,
537.6945, 439.0371

 59.4793, 70.4592,
42.2841


 131.3883,
151.4781, 105.0738

 43.2470, 51.9010,
28.9966


164.3131,
188.2138, 135.0412

 30.2743, 36.9262,
18.8327


202.3244,
230.4549, 170.2249

 20.1960, 25.1503,
11.3739

245.7875,
278.5857, 211.0435

 12.6467, 16.1891,
6.2016

295.0679,
332.9907, 257.9154

 7.2610, 9.6581,
2.8973

350.5308,

 3.6736, 5.1728,

394.0542, 311.2593

1.0424

412.5416,
462.1607, 371.4937

■ 1.5192, 2.3490,
0.0000

■ 0.3389, 0.7995,
0.0000

■ 79.3368, 92.9852,
59.1138

■ 79.3368, 92.9852,
59.1138

■ 74.7803, 90.9178,
46.1825

■ 84.4539, 95.2860,
74.5890

■ 70.7563, 89.0722,
35.6545

■ 90.1551, 97.8294,
92.7303

■ 67.2362, 87.4369,
27.3822

95.0500, 100.0000,
108.9000

■ 64.1876, 85.9990,
21.1995

■ 61.5739, 84.7437,
16.9180

■ 59.3520, 83.6535,
14.3151

■ 57.4644, 82.7056,
13.0931

■ 57.0833, 82.5126,
12.9179

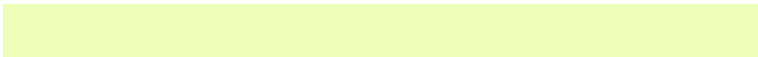
Harmonies

Analogous

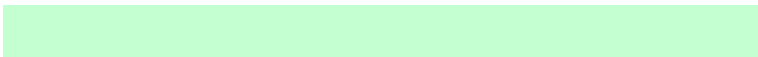
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.9731, 92.9852, 54.5319



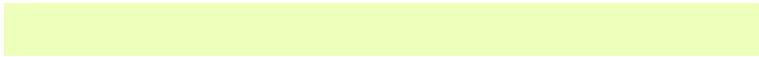
79.3368, 92.9852, 59.1138



72.6027, 92.9852, 74.2955

Triad

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



79.3368, 92.9852, 59.1138



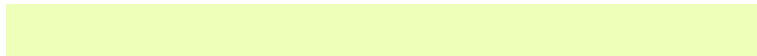
78.3862, 92.9852, 157.4662



109.6556, 92.9852, 102.9505

Complementary

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



79.3368, 92.9852, 59.1138



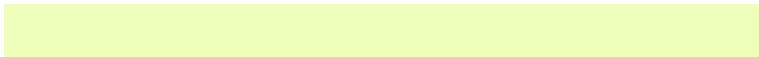
59.5485, 54.0587, 101.9036

Split Complementary

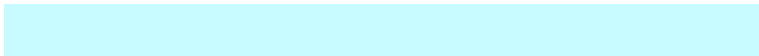
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



106.2911, 92.9852, 134.0314



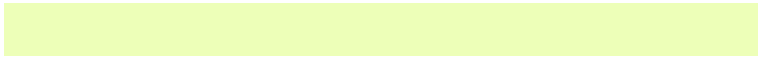
79.3368, 92.9852, 59.1138



87.7888, 92.9852, 169.0585

Square

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



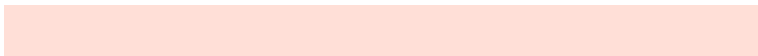
79.3368, 92.9852, 59.1138



72.0845, 92.9852, 130.5210



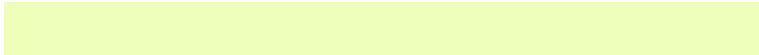
98.0848, 92.9852, 159.7537



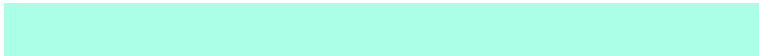
106.9622, 92.9852, 76.7109

Rectangle

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



79.3368, 92.9852, 59.1138



70.3965, 92.9852, 90.1750



98.0848, 92.9852, 159.7537



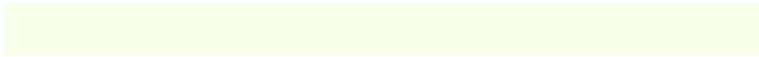
109.1908, 92.9852, 113.1860

Sweetspot

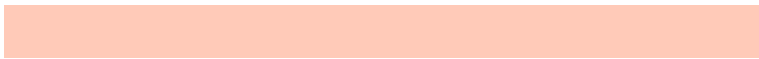
The Sweet Spot groups the original color and five complimentary colors.



79.3372, 92.9854, 59.1151



90.0604, 97.7873, 92.4228



70.9543, 66.8454, 54.5114



19.0852, 20.8453, 19.1620



0.0000, 0.0000, 0.0000



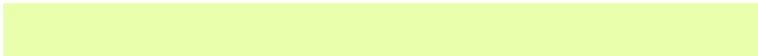
20.3446, 21.4041, 23.3091

Same Dimension

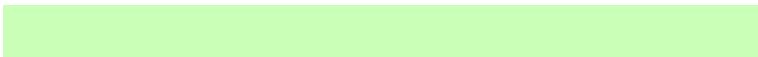
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.3372, 92.9854, 59.1151



76.9186, 91.8905, 52.1358



68.7020, 87.5027, 58.6174



19.0852, 20.8453, 19.1620



29.9723, 43.1894, 6.7567



3.0189, 4.2571, 0.6626

Inverse Universe

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



59.5485, 54.0587, 101.9036



54.3694, 47.5197, 100.9144



70.1998, 59.5496, 102.4020



17.4345, 17.6002, 22.7282



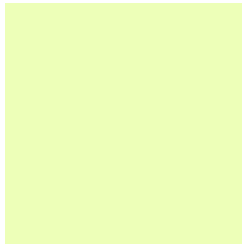
10.6735, 4.4129, 49.7238



1.1348, 0.4789, 4.8459

Previews

White Background



This preview shows how the XYZ color 79.3368, 92.9852, 59.1138 looks on a white background.

Color Contrast Check

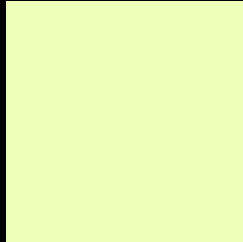
Large Text (above 18pt) WCAG AA × Fail

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 79.3368, 92.9852, 59.1138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

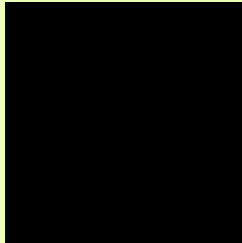
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

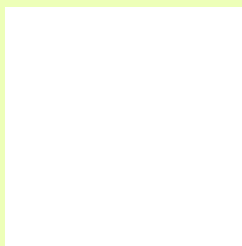
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.3368, 92.9852, 59.1138

Background



This preview shows how black text looks on a background with the XYZ color 79.3368, 92.9852, 59.1138.

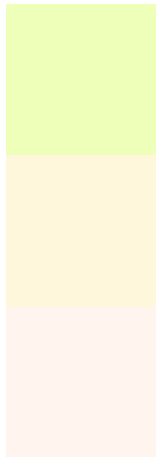


This preview shows how white text looks on a background with the XYZ color 79.3368, 92.9852,

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

79.3368, 92.9852, 59.1138

Protanopia

87.4190, 92.9488, 81.0436

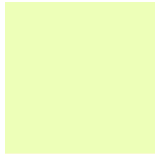
Deuteranopia

89.3250, 92.7379, 94.0812

Tritanopia

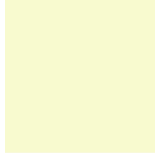
89.3635, 92.9057, 107.8304

Trichromacy



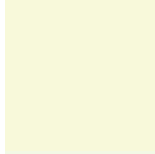
Original Color

79.3368, 92.9852, 59.1138



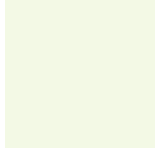
Protanomaly

84.1595, 92.8327, 72.5143



Deuteranomaly

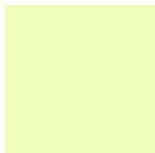
85.2420, 92.7698, 79.7433



Tritanomaly

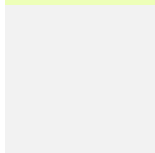
84.9807, 92.4632, 87.4970

Monochromacy



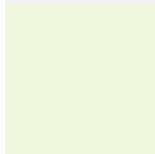
Original Color

79.3368, 92.9852, 59.1138



Achromatopsia

84.3971, 88.7923, 96.6948



Achromatomaly

82.2471, 90.2673, 81.4950

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3368, 92.9852, 59.1138 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(237, 255, 184)` looks like.

```
.text, #text, p{  
    color:rgb(237, 255, 184)  
}
```

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(237, 255, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 255, 184) }
```

Border

The CSS property to change the border of an element to XYZ 79.3368, 92.9852, 59.1138 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(237, 255, 184) }
```


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

```
.border{ border-color:rgb(237, 255, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 255, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 255, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 255, 184); box-shadow:4px 4px 4px 4px rgb(237, 255, 184) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3368, 92.9852, 59.1138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 255, 184) }
```

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

```
.background{ background-color: rgb(237,  
255, 184) }
```

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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