

Converting Colors

XYZ(136.3474, 206.3942,
86.3489)

Have a look what the booklet for
XYZ(136.3474, 206.3942, 86.3489)
contains.

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Color

**XYZ(79.5573, 92.9209,
67.1685)**

Conversions

Conversions Part 1

Format	Color
Hex	E9FFC6
RGB	233, 255, 198
RGB Percent	91%, 100%, 78%
CMY	0.0863, 0.0000, 0.2235
CMYK	0.09, 0.00, 0.22, 0.00
HSL	83°, 100%, 89%
HSV	83°, 22%, 100%
XYZ	79.5573, 92.9209, 67.1685
YIQ	241.9240, 5.1850, -22.3910

Conversions

Conversions Part 2

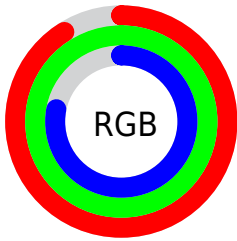
Format	Color
RYB	198, 255, 220
Decimal	15335366
CIELab	97.20, -16.70, 24.91
CIELCh	97, 29.989, 123.836
Yxy	92.9209, 0.3320, 0.3877
Android (android.graphics.Color)	4293525446 (0xFFE9FFC6)
YUV	241.9240, -21.6545, -7.8263
Hunter-Lab	96.3955, -21.3722, 26.1635

Details

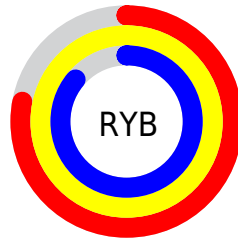
The XYZ color **79.5573, 92.9209, 67.1685** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **67.7603, 62.8251, 103.1628**, and the grayscale version is **84.5003, 88.9009, 96.8131**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3596, 51.7489, 34.0888** is the 20% darker color. If you saturate the color by 10%, you get **73.7350, 90.2310, 52.8132**, and if you desaturate by 10%, it is **86.0550, 95.9016, 84.1429**.

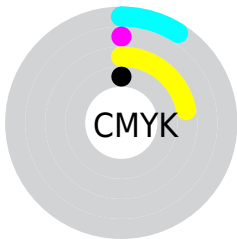
Distribution



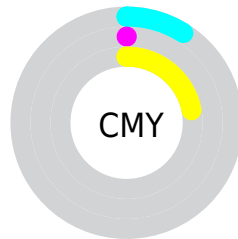
- Red (91%)
- Green (100%)
- Blue (78%)



- Red (78%)
- Yellow (100%)
- Blue (86%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.5573, 92.9209, 67.1685 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 79.5573, 92.9209, 67.1685 by changing the saturation by 10% instead.

79.5573, 92.9209,
67.1685

79.5573, 92.9209,
67.1685

482.1989,
537.4873, 469.0621

59.6613, 70.4058,
48.7591

131.6969,
151.3891, 116.8048

43.3941, 51.8574,
34.0642

164.6713,
188.1109, 148.8687

30.3903, 36.8914,
22.6651

202.7359,
230.3371, 186.3213

20.2846, 25.1234,
14.1435

246.2560,
278.4521, 229.5810

12.7116, 16.1690,
8.0806

295.5970,
332.8402, 279.0664

7.3058, 9.6439,
4.0581

351.1243,

3.7021, 5.1635,

393.8858, 335.1960

1.6573

413.2031,
461.9734, 398.3884

■ 1.5350, 2.3435,
0.3312

■ 0.3495, 0.7966,
0.0000

■ 79.5573, 92.9209,
67.1685

■ 79.5573, 92.9209,
67.1685

■ 73.7350, 90.2310,
52.8132

■ 86.0550, 95.9016,
84.1429

■ 68.5590, 87.8201,
40.9422

■ 93.2527, 99.1833,
103.8537

■ 64.0000, 85.6760,
31.4150

■ 95.0500, 100.0000,
108.9000

■ 60.0252, 83.7852,
24.0754

■ 56.5982, 82.1329,
18.7480

■ 53.6775, 80.7021,
15.2308

■ 51.2134, 79.4725,
13.2793

■ 49.5824, 78.6457,
12.5669

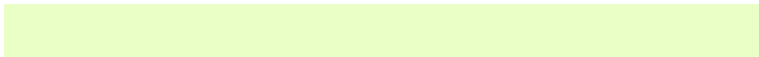
Harmonies

Analogous

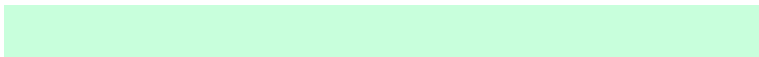
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.2335, 92.9209, 61.4094



79.5573, 92.9209, 67.1685



74.4933, 92.9209, 81.9715

Triad

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



79.5573, 92.9209, 67.1685



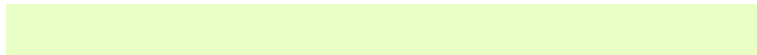
81.3305, 92.9209, 149.0752



105.5843, 92.9209, 98.0867

Complementary

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



79.5573, 92.9209, 67.1685



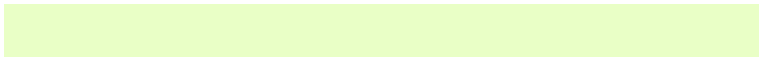
67.7603, 62.8251, 103.1628

Split Complementary

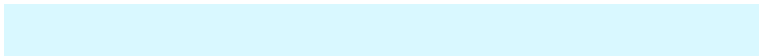
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



103.7565, 92.9209, 123.1655



79.5573, 92.9209, 67.1685



89.4126, 92.9209, 155.2102

Square

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



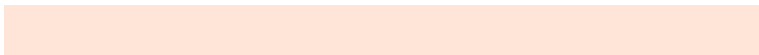
79.5573, 92.9209, 67.1685



75.4702, 92.9209, 129.4307



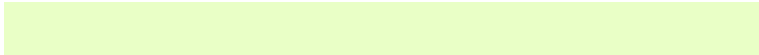
97.7005, 92.9209, 145.0712



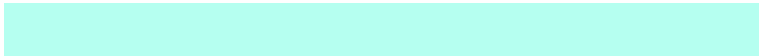
102.5481, 92.9209, 77.3636

Rectangle

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



79.5573, 92.9209, 67.1685



73.0965, 92.9209, 96.2493



97.7005, 92.9209, 145.0712



105.5194, 92.9209, 106.2660

Sweetspot

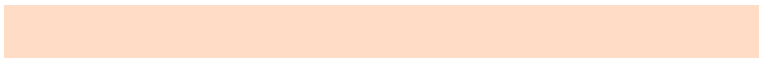
The Sweet Spot groups the original color and five complimentary colors.



79.5578, 92.9211, 67.1699



89.8186, 97.6199, 94.3443



76.9875, 76.4457, 64.1253



19.1318, 20.8523, 19.9388



0.0000, 0.0000, 0.0000



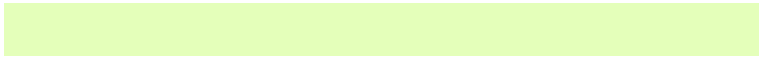
20.3446, 21.4041, 23.3091

Same Dimension

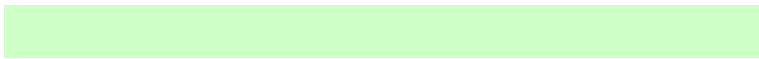
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.5578, 92.9211, 67.1699



76.7691, 91.6353, 60.1792



71.0342, 88.5270, 66.7710



18.8425, 20.7202, 19.1506



26.0799, 41.1827, 6.5745



2.6615, 4.0728, 0.6459

Inverse Universe

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



67.7603, 62.8251, 103.1628



63.0011, 56.5059, 102.1940



77.0803, 67.6297, 103.5990



17.6659, 17.7195, 22.7391



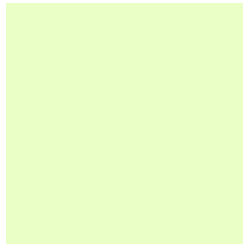
12.2414, 5.2212, 49.7972



1.3096, 0.5690, 4.8541

Previews

White Background



This preview shows how the XYZ color 79.5573, 92.9209, 67.1685 looks on a white background.

Color Contrast Check

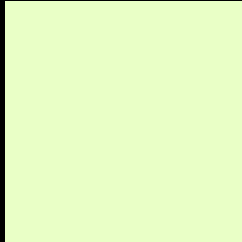
Large Text (above 18pt) WCAG AA × Fail

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 79.5573, 92.9209, 67.1685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

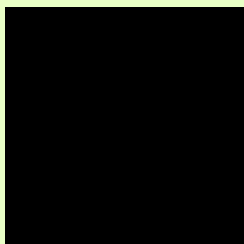
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

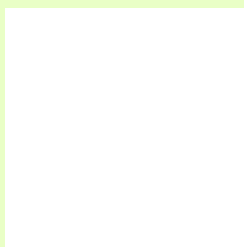
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.5573, 92.9209, 67.1685

Background



This preview shows how black text looks on a background with the XYZ color 79.5573, 92.9209, 67.1685.



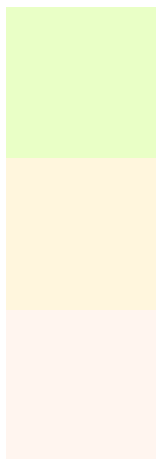
This preview shows how white text looks on a background with the XYZ color 79.5573, 92.9209,

67.1685.

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

79.5573, 92.9209, 67.1685

Protanopia

87.2469, 92.3920, 81.6416

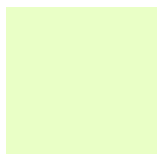
Deuteranopia

89.4724, 92.7968, 94.8572

Tritanopia

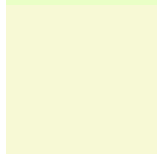
88.6620, 92.5440, 107.7975

Trichromacy



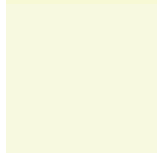
Original Color

79.5573, 92.9209, 67.1685



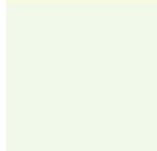
Protanomaly

84.2437, 92.3296, 76.3321



Deuteranomaly

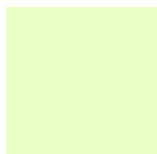
85.6880, 92.9073, 83.9377



Tritanomaly

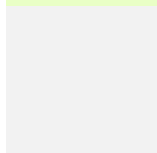
85.0026, 92.3926, 91.1954

Monochromacy



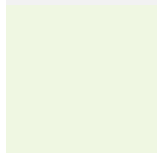
Original Color

79.5573, 92.9209, 67.1685



Achromatopsia

84.3971, 88.7923, 96.6948



Achromatomaly

82.5848, 90.3632, 85.0407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.5573, 92.9209, 67.1685 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, 198)` looks like.

```
.text, #text, p{  
    color:rgb(233, 255, 198)  
}
```

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, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 255, 198) }
```

Border

The CSS property to change the border of an element to XYZ 79.5573, 92.9209, 67.1685 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, 198) }
```


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

```
.border{ border-color:rgb(233, 255, 198) }
```

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, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 255, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 255, 198);  
box-shadow:4px 4px 4px 4px rgb(233, 255,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 79.5573, 92.9209, 67.1685 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, 198) }
```

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

```
.background{ background-color: rgb(233,  
255, 198) }
```

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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