

Converting Colors

XYZ(79.5464, 92.9704, 64.6738)

Have a look what the booklet for
XYZ(79.5464, 92.9704, 64.6738)
contains.

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Color

**XYZ(79.4293, 92.9075,
64.7855)**

Conversions

Conversions Part 1

Format	Color
Hex	EAFFC2
RGB	234, 255, 194
RGB Percent	92%, 100%, 76%
CMY	0.0824, 0.0000, 0.2392
CMYK	0.08, 0.00, 0.24, 0.00
HSL	81°, 100%, 88%
HSV	81°, 24%, 100%
XYZ	79.4293, 92.9075, 64.7855
YIQ	241.7670, 7.0650, -23.4230

Conversions

Conversions Part 2

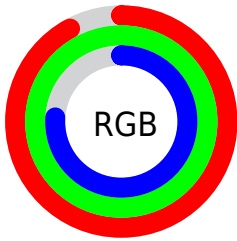
Format	Color
RYB	194, 255, 215
Decimal	15400898
CIELab	97.19, -16.93, 26.94
CIELCh	97, 31.816, 122.145
Yxy	92.9075, 0.3350, 0.3918
Android (android.graphics.Color)	4293590978 (0xFFEAFFC2)
YUV	241.7670, -23.5491, -6.8117
Hunter-Lab	96.3885, -21.5864, 27.6215

Details

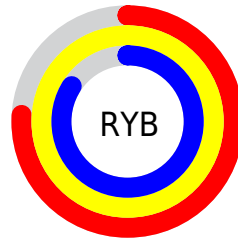
The XYZ color **79.4293, 92.9075, 64.7855** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **65.3671, 60.2519, 102.7923**, and the grayscale version is **84.3895, 88.7844, 96.6862**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **43.2878, 51.7466, 32.5175** is the 20% darker color. If you saturate the color by 10%, you get **73.9954, 90.4092, 50.8423**, and if you desaturate by 10%, it is **85.4985, 95.6764, 81.3262**.

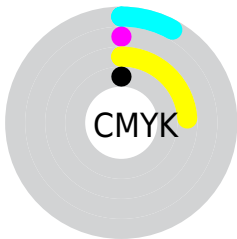
Distribution



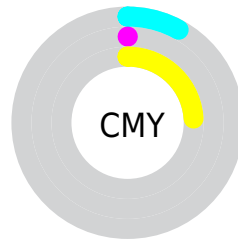
- Red (92%)
- Green (100%)
- Blue (76%)



- Red (76%)
- Yellow (100%)
- Blue (84%)



- Cyan (8%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)



- Cyan (8%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.4293, 92.9075, 64.7855 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 79.4293, 92.9075, 64.7855 by changing the saturation by 10% instead.

79.4293, 92.9075,
64.7855

79.4293, 92.9075,
64.7855

481.7733,
537.4441, 460.3058

59.5557, 70.3946,
46.8369

131.5178,
151.3705, 113.3517

43.3087, 51.8483,
32.5533

164.4634,
188.0895, 144.8065

30.3230, 36.8842,
21.5162

202.4970,
230.3126, 181.6004

20.2331, 25.1178,
13.3069

245.9841,
278.4242, 224.1519

12.6739, 16.1649,
7.5070

295.2899,
332.8088, 272.8797

7.2798, 9.6409,
3.6980

350.7798,

3.6856, 5.1615,

393.8507, 328.2023

1.4611

412.8191,
461.9344, 390.5381

■ 1.5258, 2.3423,
0.1887

■ 0.3433, 0.7960,
0.0000

■ 79.4293, 92.9075,
64.7855

■ 79.4293, 92.9075,
64.7855

■ 73.9954, 90.4092,
50.8423

■ 85.4985, 95.6764,
81.3262

■ 69.1681, 88.1698,
39.3604

■ 92.2268, 98.7258,
100.5831

■ 64.9187, 86.1775,
30.1972

95.0500, 100.0000,
108.9000

■ 61.2148, 84.4192,
23.1939

■ 58.0202, 82.8802,
18.1717

■ 55.2934, 81.5436,
14.9233

■ 52.9840, 80.3889,
13.1950

■ 51.7413, 79.7587,
12.6679

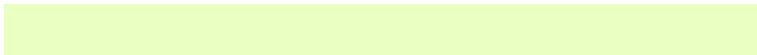
Harmonies

Analogous

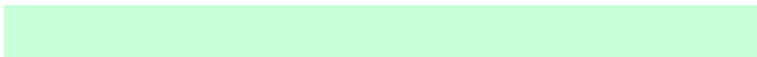
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.6607, 92.9075, 59.3365



79.4293, 92.9075, 64.7855



73.8956, 92.9075, 79.7598

Triad

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



79.4293, 92.9075, 64.7855



80.4775, 92.9075, 151.5118



106.7187, 92.9075, 99.3199

Complementary

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



79.4293, 92.9075, 64.7855



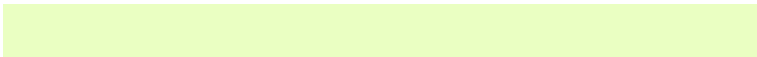
65.3671, 60.2519, 102.7923

Split Complementary

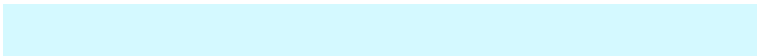
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



104.4772, 92.9075, 126.0829



79.4293, 92.9075, 64.7855



88.9540, 92.9075, 159.0938

Square

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



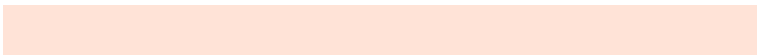
79.4293, 92.9075, 64.7855



74.4713, 92.9075, 129.8343



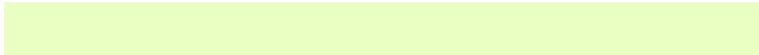
97.8201, 92.9075, 149.1005



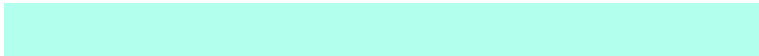
103.7556, 92.9075, 77.0535

Rectangle

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



79.4293, 92.9075, 64.7855



72.2740, 92.9075, 94.5484



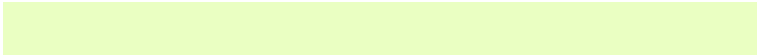
97.8201, 92.9075, 149.1005



106.5486, 92.9075, 108.0739

Sweetspot

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



79.4298, 92.9077, 64.7868



90.0832, 97.7563, 94.3567



75.1093, 73.4179, 61.2527



19.1932, 20.8839, 19.9417



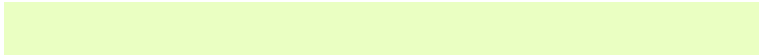
0.0000, 0.0000, 0.0000



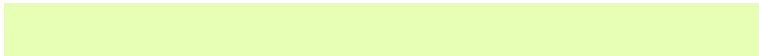
20.3446, 21.4041, 23.3091

Same Dimension

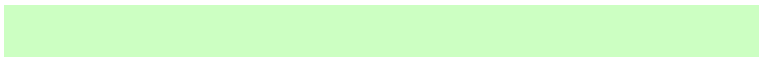
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.4298, 92.9077, 64.7868



76.5919, 91.6055, 57.3878



70.4459, 88.2763, 64.3664



18.9185, 20.7594, 19.1542



27.2027, 41.7616, 6.6271



2.7661, 4.1268, 0.6508

Inverse Universe

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



65.3671, 60.2519, 102.7923



60.1790, 53.4828, 101.7592



74.9405, 65.1872, 103.2403



17.5926, 17.6817, 22.7356



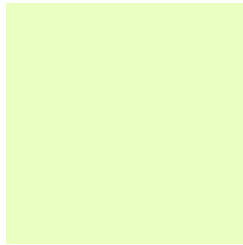
11.6675, 4.9253, 49.7703



1.2480, 0.5373, 4.8512

Previews

White Background



This preview shows how the XYZ color 79.4293, 92.9075, 64.7855 looks on a white background.

Color Contrast Check

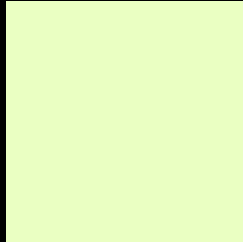
Large Text (above 18pt) WCAG AA × Fail

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 79.4293, 92.9075, 64.7855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

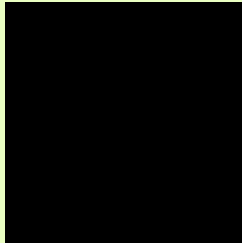
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

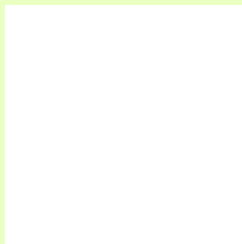
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.4293, 92.9075, 64.7855

Background



This preview shows how black text looks on a background with the XYZ color 79.4293, 92.9075, 64.7855.

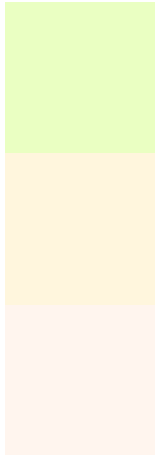


This preview shows how white text looks on a background with the XYZ color 79.4293, 92.9075,

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

79.4293, 92.9075, 64.7855

Protanopia

87.2469, 92.3920, 81.6416

Deuteranopia

89.3250, 92.7379, 94.0812

Tritanopia

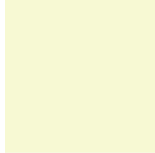
89.0118, 92.7244, 107.8139

Trichromacy



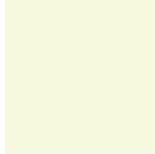
Original Color

79.4293, 92.9075, 64.7855



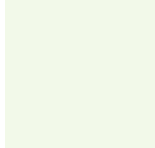
Protanomaly

83.9913, 92.2287, 75.0031



Deuteranomaly

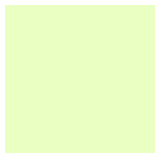
85.4183, 92.7994, 82.5173



Tritanomaly

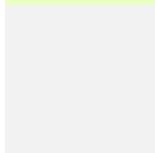
85.2016, 92.5118, 90.4568

Monochromacy



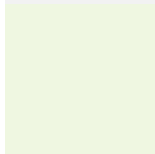
Original Color

79.4293, 92.9075, 64.7855



Achromatopsia

84.3971, 88.7923, 96.6948



Achromatomaly

82.4480, 90.3085, 84.3200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4293, 92.9075, 64.7855 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(234, 255, 194)` looks like.

```
.text, #text, p{  
    color:rgb(234, 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(234, 255, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 255, 194) }
```

Border

The CSS property to change the border of an element to XYZ 79.4293, 92.9075, 64.7855 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(234, 255, 194) }
```


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

```
.border{ border-color:rgb(234, 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(234, 255, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 255, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 255, 194);  
box-shadow:4px 4px 4px 4px rgb(234, 255,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4293, 92.9075, 64.7855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 255, 194) }
```

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

```
.background{ background-color: rgb(234,  
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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