

Converting Colors

XYZ(79.8397, 88.0879, 79.0247)

Have a look what the booklet for
XYZ(79.8397, 88.0879, 79.0247)
contains.

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Color

**XYZ(79.8994, 88.1996,
79.1428)**

Conversions

Conversions Part 1

Format	Color
Hex	ECF5DA
RGB	236, 245, 218
RGB Percent	93%, 96%, 85%
CMY	0.0745, 0.0392, 0.1451
CMYK	0.04, 0.00, 0.11, 0.04
HSL	80°, 57%, 91%
HSV	80°, 11%, 96%
XYZ	79.8994, 88.1996, 79.1428
YIQ	239.2310, 3.3030, -10.3050

Conversions

Conversions Part 2

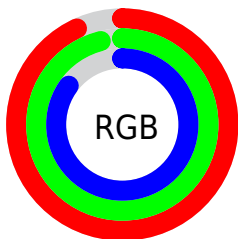
Format	Color
R _Y B	218, 245, 227
Decimal	15529434
CIE Lab	95.24, -7.62, 11.98
CIE LCh	95, 14.194, 122.452
Yxy	88.1996, 0.3232, 0.3567
Android (android.graphics.Color)	4293719514 (0xFFE5F5DA)
YUV	239.2310, -10.4669, -2.8336
Hunter-Lab	93.9146, -12.4889, 15.7760

Details

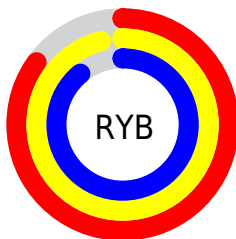
The XYZ color **79.8994, 88.1996, 79.1428** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **73.2348, 73.0687, 96.6346**, and the grayscale version is **82.3032, 86.5894, 94.2959**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6308, 48.7428, 41.7590** is the 20% darker color. If you saturate the color by 10%, you get **74.2773, 85.6474, 63.3626**, and if you desaturate by 10%, it is **86.1244, 91.0130, 97.4287**.

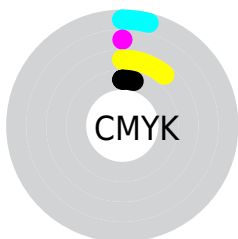
Distribution



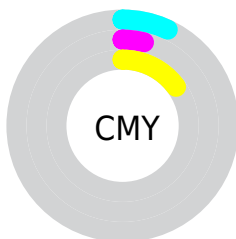
- Red (93%)
- Green (96%)
- Blue (85%)



- Red (85%)
- Yellow (96%)
- Blue (89%)



- Cyan (4%)
- Magenta (0%)
- Yellow (11%)
- Black (4%)





- Cyan (7%)
- Magenta (4%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.8994, 88.1996, 79.1428 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 79.8994, 88.1996, 79.1428 by changing the saturation by 10% instead.


 79.8994, 88.1996,
79.1428

 79.8994, 88.1996,
79.1428


483.3354,
522.1567, 511.6697

 59.9438, 66.4884,
58.4912


132.1756,
144.8350, 133.9604

 43.6226, 48.6690,
41.7864


165.2268,
180.5280, 168.9634

 30.5705, 34.3570,
28.6097


203.3739,
221.6504, 209.5874

 20.4223, 23.1680,
18.5428

246.9823,
268.5865, 256.2508

 12.8124, 14.7176,
11.1669

296.4172,
321.7208, 309.3722

 7.3756, 8.6214,
6.0636

352.0442,

 3.7465, 4.4951,

381.4377, 369.3701

2.8144

414.2285,
448.1215, 436.6631

■ 1.5597, 1.9542,
1.0007

■ 0.3660, 0.5806,
0.0000

■ 79.8994, 88.1996,
79.1428

■ 79.8994, 88.1996,
79.1428

■ 74.2773, 85.6474,
63.3626

■ 86.1244, 91.0130,
97.4287

■ 69.2286, 83.3358,
49.9732

■ 90.9725, 93.2874,
107.8192

■ 64.7317, 81.2589,
38.8593

■ 91.9441, 93.7883,
107.8647

■ 60.7608, 79.4062,
29.8937

■ 57.2876, 77.7661,
22.9368

■ 54.2808, 76.3259,
17.8325

■ 51.7045, 75.0710,
14.4016

■ 49.5160, 73.9842,
12.4295

■ 47.8217, 73.1274,
11.5945

Harmonies

Analogous

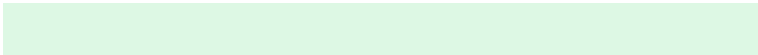
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.5130, 88.1996, 76.2688



79.8994, 88.1996, 79.1428



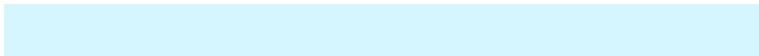
77.4021, 88.1996, 86.5071

Triad

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



79.8994, 88.1996, 79.1428



80.4349, 88.1996, 116.2058



91.4912, 88.1996, 95.1251

Complementary

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



79.8994, 88.1996, 79.1428



73.2348, 73.0687, 96.6346

Split Complementary

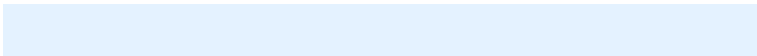
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.6065, 88.1996, 106.2366



79.8994, 88.1996, 79.1428



84.1500, 88.1996, 118.9499

Square

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



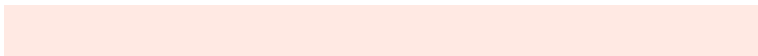
79.8994, 88.1996, 79.1428



77.7045, 88.1996, 107.9355



87.8897, 88.1996, 115.1731



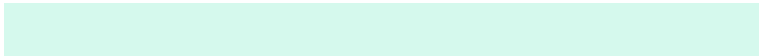
90.2715, 88.1996, 85.0419

Rectangle

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



79.8994, 88.1996, 79.1428



76.6653, 88.1996, 93.2608



87.8897, 88.1996, 115.1731



91.4300, 88.1996, 98.8624

Sweetspot

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



79.9018, 88.2034, 79.1447



92.9103, 99.0364, 102.4982



77.7833, 79.4155, 77.5601



19.7664, 21.1437, 21.5819



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.



79.9018, 88.2034, 79.1447



86.2143, 96.0093, 82.9896



75.5877, 85.9794, 78.9428



17.3465, 19.0207, 17.5547



25.9140, 39.4720, 6.2530



2.3863, 3.5252, 0.5547

Inverse Universe

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



73.2348, 73.0687, 96.6346



77.7043, 76.6904, 105.3150



77.6611, 75.3505, 96.8417



16.1018, 16.1951, 20.8199



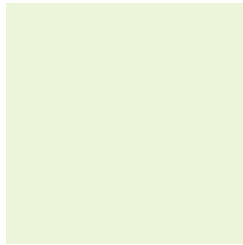
10.8700, 4.5780, 46.8488



1.0599, 0.4563, 4.1224

Previews

White Background



This preview shows how the XYZ color 79.8994, 88.1996, 79.1428 looks on a white background.

Color Contrast Check

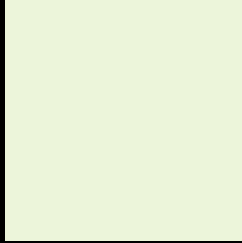
Large Text (above 18pt) WCAG AA × Fail

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 79.8994, 88.1996, 79.1428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

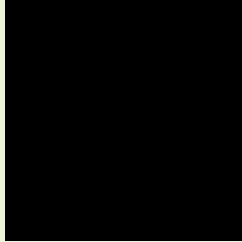
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

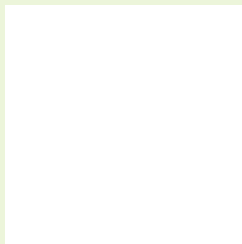
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.8994, 88.1996, 79.1428

Background



This preview shows how black text looks on a background with the XYZ color 79.8994, 88.1996, 79.1428.



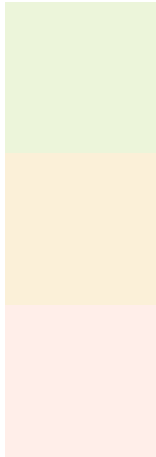
This preview shows how white text looks on a background with the XYZ color 79.8994, 88.1996,

79.1428.

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

79.8994, 88.1996, 79.1428

Protanopia

83.3384, 87.7873, 77.5180

Deuteranopia

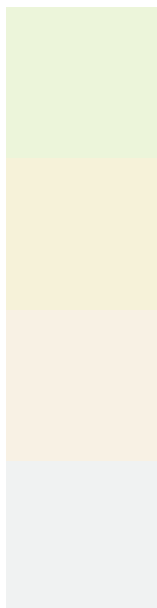
86.5225, 88.2923, 89.5727



Tritanopia

85.8280, 88.4174, 107.1504

Trichromacy



Original Color

79.8994, 88.1996, 79.1428

Protanomaly

82.2826, 88.1068, 78.3152

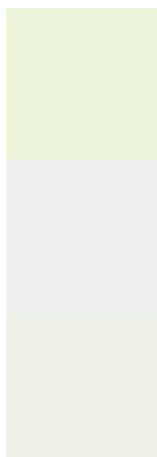
Deuteranomaly

84.1703, 88.4685, 86.0387

Tritanomaly

83.7143, 88.4403, 96.6629

Monochromacy



Original Color

79.8994, 88.1996, 79.1428

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

81.1390, 86.8573, 88.0899

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.8994, 88.1996, 79.1428 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(236, 245, 218) looks like.

```
.text, #text, p{  
    color:rgb(236, 245, 218)  
}
```

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(236, 245, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 245, 218) }
```

Border

The CSS property to change the border of an element to XYZ 79.8994, 88.1996, 79.1428 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(236, 245, 218) }
```


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

```
.border{ border-color:rgb(236, 245, 218) }
```

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

Here you see how a box with a 4 pixel rgb(236, 245, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 245, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 245, 218);  
box-shadow:4px 4px 4px 4px rgb(236, 245,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 79.8994, 88.1996, 79.1428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 245, 218) }
```

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

```
.background{ background-color: rgb(236,  
245, 218) }
```

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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