

Converting Colors

XYZ(70.4927, 79.2274, 58.9733)

Have a look what the booklet for
XYZ(70.4927, 79.2274, 58.9733)
contains.

XYZ(70.7803, 79.5415, 59.1995)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(70.7803, 79.5415,
59.1995)**

Conversions

Conversions Part 1

Format	Color
Hex	E4EBBC
RGB	228, 235, 188
RGB Percent	89%, 92%, 74%
CMY	0.1059, 0.0784, 0.2627
CMYK	0.03, 0.00, 0.20, 0.08
HSL	69°, 54%, 83%
HSV	69°, 20%, 92%
XYZ	70.7803, 79.5415, 59.1995
YIQ	227.5490, 10.9150, -16.1010

Conversions

Conversions Part 2

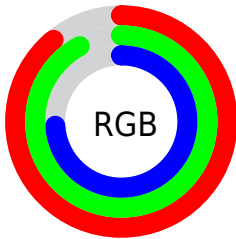
Format	Color
RYB	188, 235, 195
Decimal	15002556
CIELab	91.48, -10.07, 22.07
CIELCh	91, 24.259, 114.514
Yxy	79.5415, 0.3378, 0.3796
Android (android.graphics.Color)	4293192636 (0xFFE4EBBC)
YUV	227.5490, -19.4977, 0.3955
Hunter-Lab	89.1860, -14.4135, 23.0750

Details

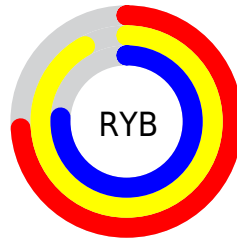
The XYZ color **70.7803, 79.5415, 59.1995** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **55.4875, 53.5689, 86.0170**, and the grayscale version is **73.5474, 77.3776, 84.2642**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **37.5065, 42.7601, 29.1984** is the 20% darker color. If you saturate the color by 10%, you get **67.3513, 78.0455, 46.8744**, and if you desaturate by 10%, it is **74.6486, 81.2212, 73.7018**.

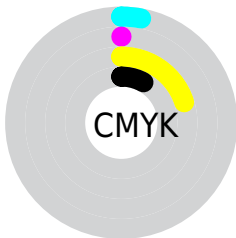
Distribution



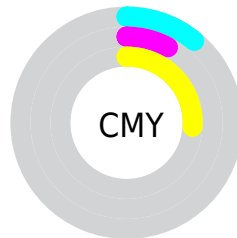
- Red (89%)
- Green (92%)
- Blue (74%)



- Red (74%)
- Yellow (92%)
- Blue (76%)



- Cyan (3%)
- Magenta (0%)
- Yellow (20%)
- Black (8%)



- Cyan (11%)
- Magenta (8%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.7803, 79.5415, 59.1995 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 70.7803, 79.5415, 59.1995 by changing the saturation by 10% instead.

70.7803, 79.5415,
59.1995

70.7803, 79.5415,
59.1995

452.5088,
493.3863, 439.3633

52.4448, 59.3411,
42.3527

119.3411,
132.7209, 105.1995

37.5855, 42.8878,
29.0499

150.2970,
166.4687, 135.1898

25.8369, 29.7971,
18.8727

186.1906,
205.5012, 170.3983

16.8337, 19.6846,
11.4024

227.3870,
250.2026, 211.2436

10.2105, 12.1660,
6.2206

274.2517,
300.9575, 258.1442

5.6021, 6.8568,
2.9088

327.1500,

2.6430, 3.3727,

358.1501, 311.5187

1.0482

386.4473,
422.1649, 371.7855

0.9679, 1.3293,
0.0000

0.0000, 0.1637,
0.0000

70.7803, 79.5415,
59.1995

70.7803, 79.5415,
59.1995

67.3513, 78.0455,
46.8744

74.6486, 81.2212,
73.7018

64.3352, 76.7146,
36.6162


78.9686, 83.0815,
90.4739

61.7124, 75.5435,
28.3130


83.1907, 84.9052,
106.6115

59.4591, 74.5229,
21.8401


84.3816, 85.5191,
106.6672


 57.5488, 73.6419,
17.0585


 85.5954, 86.1449,
106.7240


 55.9511, 72.8885,
13.8091

 86.8325, 86.7826,
106.7819

 54.6300, 72.2483,
11.9030

 88.0928, 87.4323,
106.8409

 53.5243, 71.6967,
11.0178

 89.0000, 87.9000,
106.8833

Harmonies

Analogous

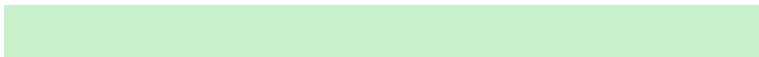
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.7429, 79.5415, 56.9698



70.7803, 79.5415, 59.1995



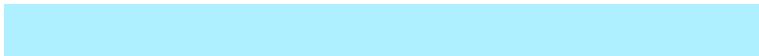
66.3377, 79.5415, 68.3248

Triad

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



70.7803, 79.5415, 59.1995



68.9149, 79.5415, 117.3602



88.0509, 79.5415, 89.8997

Complementary

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



70.7803, 79.5415, 59.1995



55.4875, 53.5689, 86.0170

Split Complementary

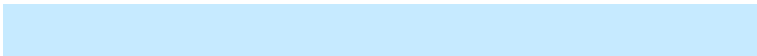
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.6906, 79.5415, 107.8906



70.7803, 79.5415, 59.1995



74.4721, 79.5415, 125.0686

Square

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



70.7803, 79.5415, 59.1995



65.3025, 79.5415, 101.5005



80.6375, 79.5415, 121.3872



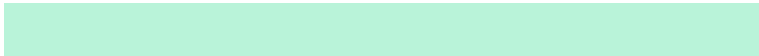
86.9308, 79.5415, 73.2470

Rectangle

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



70.7803, 79.5415, 59.1995



64.7243, 79.5415, 77.8393



80.6375, 79.5415, 121.3872



87.6345, 79.5415, 96.0099

Sweetspot

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



70.7824, 79.5450, 59.2012



91.8497, 98.6235, 96.3999



62.6920, 59.9976, 55.8546



19.5877, 21.0785, 20.3554



0.0000, 0.0000, 0.0000



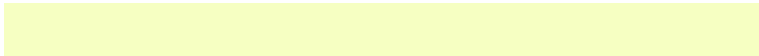
20.3446, 21.4041, 23.3091

Same Dimension

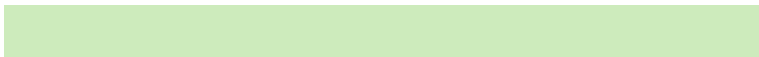
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.7824, 79.5450, 59.2012



83.4387, 94.9770, 64.8560



64.0295, 76.0638, 58.8852



16.1185, 17.5066, 16.0483



29.8731, 39.9446, 6.1356



2.4057, 3.1675, 0.4846

Inverse Universe

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



55.4875, 53.5689, 86.0170



61.9044, 58.4001, 102.6174



61.8249, 56.8360, 86.3136



14.4401, 14.6566, 18.9902



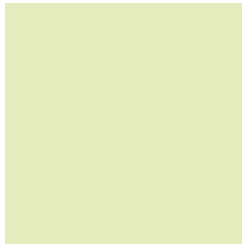
8.7972, 3.5710, 43.9686



0.7552, 0.3136, 3.4556

Previews

White Background



This preview shows how the XYZ color 70.7803, 79.5415, 59.1995 looks on a white background.

Color Contrast Check

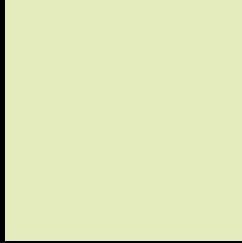
Large Text (above 18pt) WCAG AA × Fail

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 70.7803, 79.5415, 59.1995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

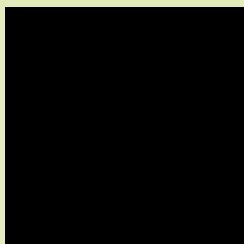
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

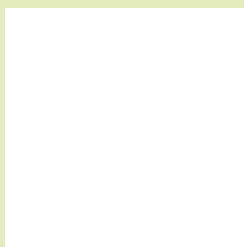
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.7803, 79.5415, 59.1995

Background



This preview shows how black text looks on a background with the XYZ color 70.7803, 79.5415, 59.1995.

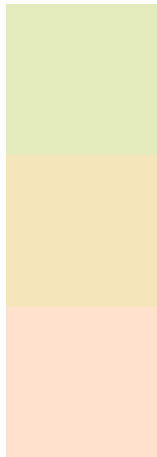


This preview shows how white text looks on a background with the XYZ color 70.7803, 79.5415,

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

70.7803, 79.5415, 59.1995

Protanopia

74.4680, 79.3719, 57.8498

Deuteranopia

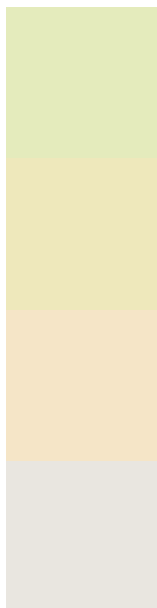
79.1847, 79.5182, 68.9327



Tritanopia

78.5426, 79.3636, 97.5653

Trichromacy



Original Color

70.7803, 79.5415, 59.1995

Protanomaly

73.0861, 79.4782, 58.5025

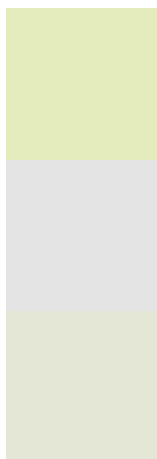
Deuteranomaly

75.9843, 79.5746, 65.3875

Tritanomaly

75.3556, 79.2991, 81.8556

Monochromacy



Original Color

70.7803, 79.5415, 59.1995

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

72.5811, 78.4499, 74.2677

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.7803, 79.5415, 59.1995 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(228, 235, 188)` looks like.

```
.text, #text, p{  
    color:rgb(228, 235, 188)  
}
```

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(228, 235, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 235, 188) }
```

Border

The CSS property to change the border of an element to XYZ 70.7803, 79.5415, 59.1995 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(228, 235, 188) }
```


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

```
.border{ border-color:rgb(228, 235, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 235, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 235, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 235, 188);  
box-shadow:4px 4px 4px 4px rgb(228, 235,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 70.7803, 79.5415, 59.1995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 235, 188) }
```

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

```
.background{ background-color: rgb(228,  
235, 188) }
```

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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