

Converting Colors

XYZ(62.9713, 84.1348, 43.8728)

Have a look what the booklet for
XYZ(62.9713, 84.1348, 43.8728)
contains.

XYZ(62.7799, 83.8236, 43.8811)	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(62.7799, 83.8236,
43.8811)**

Conversions

Conversions Part 1

Format	Color
Hex	C0FD9B
RGB	192, 253, 155
RGB Percent	75%, 99%, 61%
CMY	0.2471, 0.0078, 0.3921
CMYK	0.24, 0.00, 0.39, 0.01
HSL	97°, 96%, 80%
HSV	97°, 39%, 99%
XYZ	62.7799, 83.8236, 43.8811
YIQ	223.5890, -4.8980, -43.4100

Conversions

Conversions Part 2

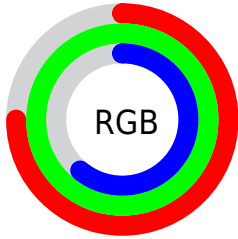
Format	Color
RYB	155, 253, 216
Decimal	12647835
CIELab	93.37, -36.00, 40.85
CIELCh	93, 54.444, 131.389
Yxy	83.8236, 0.3296, 0.4401
Android (android.graphics.Color)	4290837915 (0xFFC0FD9B)
YUV	223.5890, -33.8144, -27.7036
Hunter-Lab	91.5552, -37.8233, 35.6718

Details

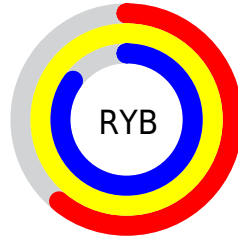
The XYZ color **62.7799, 83.8236, 43.8811** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **57.7736, 45.1360, 98.6002**, and the grayscale version is **70.7962, 74.4831, 81.1121**.

A 20% lighter version of the original color is **86.8172, 96.4971, 75.0228**, and **32.2915, 45.6734, 19.6843** is the 20% darker color. If you saturate the color by 10%, you get **57.0977, 81.1172, 33.6623**, and if you desaturate by 10%, it is **69.3383, 86.9353, 56.4679**.

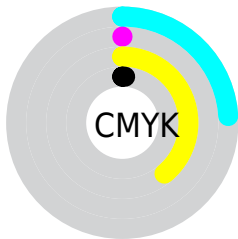
Distribution



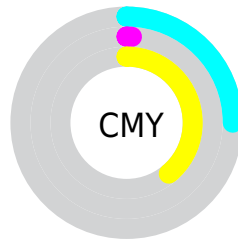
- Red (75%)
- Green (99%)
- Blue (61%)



- Red (61%)
- Yellow (99%)
- Blue (85%)



- Cyan (24%)
- Magenta (0%)
- Yellow (39%)
- Black (1%)





- Cyan (25%)
- Magenta (1%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.7799, 83.8236, 43.8811 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 62.7799, 83.8236, 43.8811 by changing the saturation by 10% instead.


 62.7799, 83.8236,
43.8811


 62.7799, 83.8236,
43.8811


424.4426,
507.7273, 378.2500

 45.9212, 62.8698,
30.2405


 107.9355,
138.7284, 82.3394

 32.3880, 45.7359,
19.7676


 136.9631,
173.4482, 107.9941

 21.8150, 32.0375,
12.0439

170.7776,
213.5254, 138.4908

 13.8369, 21.3901,
6.6506

209.7445,
259.3445, 174.2477

 8.0882, 13.4095,
3.1695

254.2291,
311.2899, 215.6836

 4.2037, 7.7111,
1.1818

304.5968,

 1.8180, 3.9107,

369.7458, 263.2169

0.0000

361.2128,
435.0968, 317.2662

■ 0.5285, 1.6237,
0.0000

■ 0.0000, 0.3735,
0.0000

■ 62.7799, 83.8236,
43.8811

■ 62.7799, 83.8236,
43.8811

■ 57.0977, 81.1172,
33.6623

■ 69.3383, 86.9353,
56.4679

■ 52.2440, 78.7871,
25.6579

■ 76.8049, 90.4584,
71.5528

■ 48.1755, 76.8174,
19.7046

■ 85.2177, 94.4121,
89.2625

■ 44.8420, 75.1859,
15.6145

■ 94.4160, 98.7335,
108.6890

■ 42.1855, 73.8679, 94.4170, 98.7340,
13.1648 108.6890

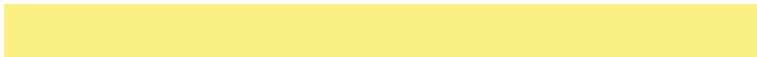
■ 40.1283, 72.8303,
12.0346

■ 39.8999, 72.7145,
11.9324

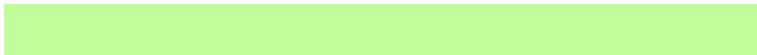
Harmonies

Analogous

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



74.3444, 83.8236, 33.6388



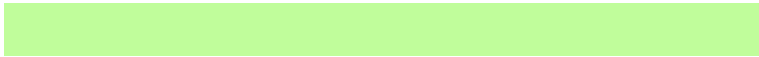
62.7799, 83.8236, 43.8811



56.2713, 83.8236, 68.2946

Triad

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



62.7799, 83.8236, 43.8811



71.1835, 83.8236, 188.5550



109.9096, 83.8236, 76.5322

Complementary

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



62.7799, 83.8236, 43.8811



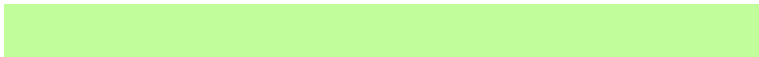
57.7736, 45.1360, 98.6002

Split Complementary

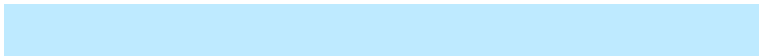
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



108.7983, 83.8236, 118.8936



62.7799, 83.8236, 43.8811



85.2478, 83.8236, 192.7662

Square

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



62.7799, 83.8236, 43.8811



60.7059, 83.8236, 154.1478



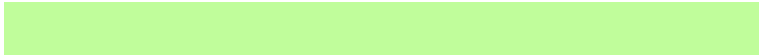
99.3507, 83.8236, 164.3499



102.2261, 83.8236, 48.3454

Rectangle

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



62.7799, 83.8236, 43.8811



55.1407, 83.8236, 93.1997



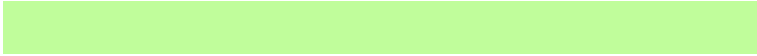
99.3507, 83.8236, 164.3499



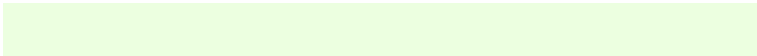
110.5744, 83.8236, 89.3664

Sweetspot

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



62.7820, 83.8272, 43.8829



83.8450, 94.7482, 84.6749



70.8387, 72.0745, 41.1898



17.7038, 20.1661, 17.6115



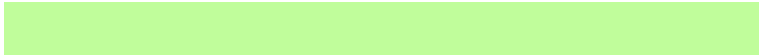
0.0000, 0.0000, 0.0000



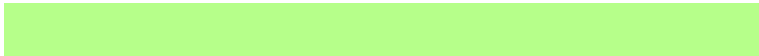
20.3446, 21.4041, 23.3091

Same Dimension

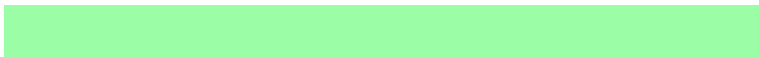
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.7820, 83.8272, 43.8829



59.6131, 83.2893, 36.8655



55.5682, 79.9921, 48.7980



18.4196, 20.5022, 19.1308



21.3728, 38.7562, 6.3542



2.1976, 3.8337, 0.6241

Inverse Universe

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



57.7736, 45.1360, 98.6002



53.8786, 39.1182, 99.3186



68.1946, 50.7124, 89.8619



18.0893, 17.9378, 22.7589



17.0461, 7.6981, 50.0220



1.7811, 0.8121, 4.8762

Previews

White Background



This preview shows how the XYZ color 62.7799, 83.8236, 43.8811 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 62.7799, 83.8236, 43.8811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

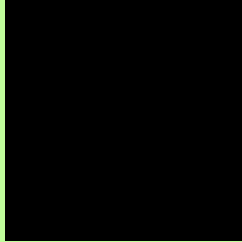
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

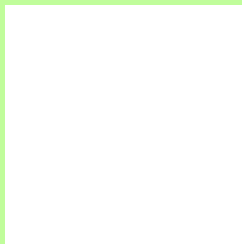
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.7799, 83.8236, 43.8811

Background



This preview shows how black text looks on a background with the XYZ color 62.7799, 83.8236, 43.8811.



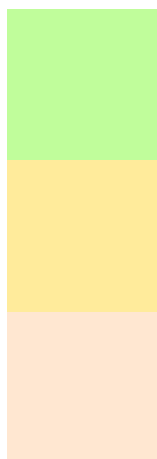
This preview shows how white text looks on a background with the XYZ color 62.7799, 83.8236,

43.8811.

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

62.7799, 83.8236, 43.8811

Protanopia

76.8647, 83.0432, 42.9881

Deuteranopia

81.3245, 83.0153, 72.0589



Tritanopia

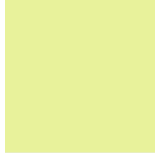
76.6481, 83.2491, 106.6366

Trichromacy



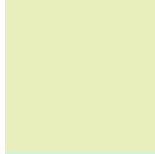
Original Color

62.7799, 83.8236, 43.8811



Protanomaly

70.9472, 83.0266, 43.2968



Deuteranomaly

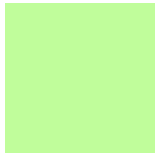
73.3305, 82.5629, 60.2154



Tritanomaly

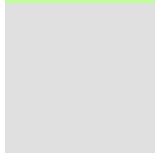
70.5905, 82.9377, 79.3059

Monochromacy



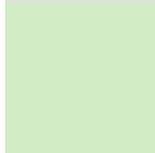
Original Color

62.7799, 83.8236, 43.8811



Achromatopsia

70.8507, 74.5404, 81.1745



Achromatomaly

67.1685, 77.5372, 65.4589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7799, 83.8236, 43.8811 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(192, 253, 155)` looks like.

```
.text, #text, p{  
    color:rgb(192, 253, 155)  
}
```

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(192, 253, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 253, 155) }
```

Border

The CSS property to change the border of an element to XYZ 62.7799, 83.8236, 43.8811 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(192, 253, 155) }
```


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

```
.border{ border-color:rgb(192, 253, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 253, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 253, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 253, 155);  
box-shadow:4px 4px 4px 4px rgb(192, 253,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7799, 83.8236, 43.8811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 253, 155) }
```

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

```
.background{ background-color: rgb(192,  
253, 155) }
```

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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