

Converting Colors

XYZ(62.9311, 81.9640, 43.7206)

Have a look what the booklet for
XYZ(62.9311, 81.9640, 43.7206)
contains.

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Color

**XYZ(62.8180, 81.9882,
43.5248)**

Conversions

Conversions Part 1

Format	Color
Hex	C5F99B
RGB	197, 249, 155
RGB Percent	77%, 98%, 61%
CMY	0.2274, 0.0235, 0.3921
CMYK	0.21, 0.00, 0.38, 0.02
HSL	93°, 89%, 79%
HSV	93°, 38%, 98%
XYZ	62.8180, 81.9882, 43.5248
YIQ	222.7360, -0.8180, -40.2580

Conversions

Conversions Part 2

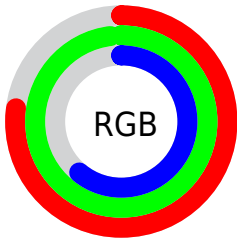
Format	Color
RYB	155, 249, 207
Decimal	12974491
CIELab	92.57, -32.44, 39.86
CIELCh	93, 51.394, 129.142
Yxy	81.9882, 0.3336, 0.4353
Android (android.graphics.Color)	4291164571 (0xFFC5F99B)
YUV	222.7360, -33.3938, -22.5705
Hunter-Lab	90.5473, -34.6219, 34.8833

Details

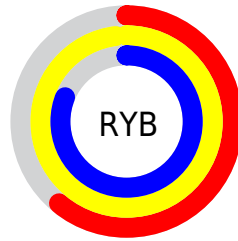
The XYZ color **62.8180, 81.9882, 43.5248** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **54.5558, 43.5500, 95.1576**, and the grayscale version is **70.1836, 73.8386, 80.4102**.

A 20% lighter version of the original color is **88.6329, 97.4331, 75.1078**, and **32.4032, 44.4094, 19.4344** is the 20% darker color. If you saturate the color by 10%, you get **57.4954, 79.4641, 33.4628**, and if you desaturate by 10%, it is **68.9056, 84.8619, 55.8767**.

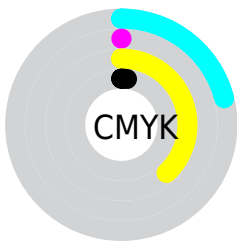
Distribution



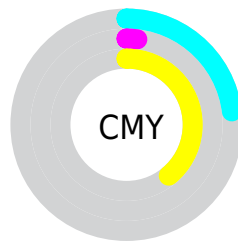
- Red (77%)
- Green (98%)
- Blue (61%)



- Red (61%)
- Yellow (98%)
- Blue (81%)



- Cyan (21%)
- Magenta (0%)
- Yellow (38%)
- Black (2%)





- Cyan (23%)
- Magenta (2%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.8180, 81.9882, 43.5248 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 62.8180, 81.9882, 43.5248 by changing the saturation by 10% instead.


 62.8180, 81.9882,
43.5248


 62.8180, 81.9882,
43.5248


424.5788,
501.6082, 376.7500

 45.9521, 61.3558,
29.9627


 107.9902,
136.1575, 81.7970

 32.4125, 44.5124,
19.5584


 137.0272,
170.4631, 107.3442

 21.8338, 31.0735,
11.8936


170.8519,
210.0953, 137.7235

 13.8508, 20.6548,
6.5496

209.8297,
255.4384, 173.3534

 8.0979, 12.8719,
3.1079

254.3259,
306.8769, 214.6524

 4.2100, 7.3404,
1.1500

304.7059,

 1.8216, 3.6759,

364.7951, 262.0392

0.0000

361.3351,
429.5774, 315.9322

■ 0.5306, 1.4940,
0.0000

■ 0.0000, 0.2845,
0.0000

■ 62.8180, 81.9882,
43.5248

■ 62.8180, 81.9882,
43.5248

■ 57.4954, 79.4641,
33.4628

■ 68.9056, 84.8619,
55.8767

■ 52.8962, 77.2636,
25.5444

■ 75.7849, 88.0887,
70.6421

■ 48.9836, 75.3738,
19.6148

■ 83.4888, 91.6852,
87.9421

■ 45.7144, 73.7762,
15.4958

■ 92.0461, 95.6641,
107.8883

■ 43.0386, 72.4497,
12.9779

■ 93.1674, 96.2347,
108.2725

■ 40.8926, 71.3677,
11.7809

■ 40.4642, 71.1504,
11.6007

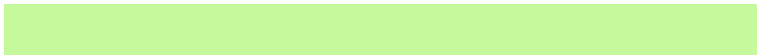
Harmonies

Analogous

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



73.9188, 81.9882, 34.5760



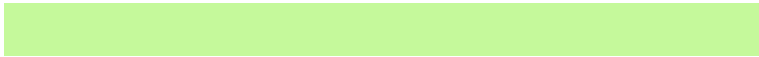
62.8180, 81.9882, 43.5248



56.3134, 81.9882, 65.5671

Triad

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



62.8180, 81.9882, 43.5248



69.1388, 81.9882, 177.1183



106.1233, 81.9882, 78.0905

Complementary

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



62.8180, 81.9882, 43.5248



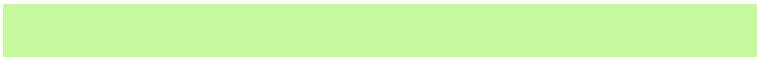
54.5558, 43.5500, 95.1576

Split Complementary

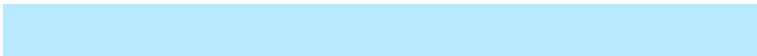
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



104.4656, 81.9882, 118.0938



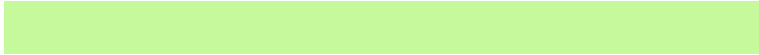
62.8180, 81.9882, 43.5248



82.0783, 81.9882, 183.3227

Square

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



62.8180, 81.9882, 43.5248



59.6627, 81.9882, 144.1956



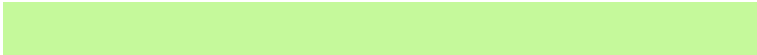
95.2837, 81.9882, 159.3046



99.5840, 81.9882, 50.4355

Rectangle

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



62.8180, 81.9882, 43.5248



54.9716, 81.9882, 88.1751



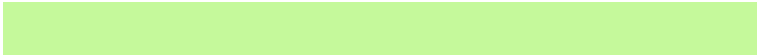
95.2837, 81.9882, 159.3046



106.5209, 81.9882, 90.3764

Sweetspot

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



62.8201, 81.9918, 43.5266



85.3778, 95.4980, 86.5699



67.2267, 66.9899, 40.3987



18.0354, 20.3290, 17.9906



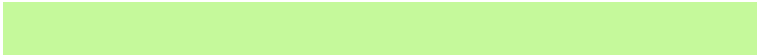
0.0000, 0.0000, 0.0000



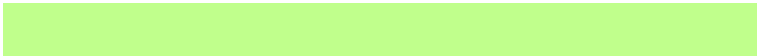
20.3446, 21.4041, 23.3091

Same Dimension

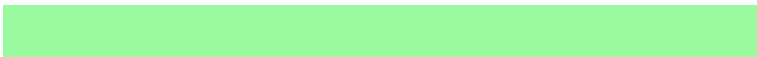
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.8201, 81.9918, 43.5266



62.1282, 84.5643, 37.9558



53.7147, 77.2513, 45.2015



17.7536, 19.6888, 18.3270



21.8167, 38.1652, 6.2168



2.1405, 3.5966, 0.5814

Inverse Universe

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



54.5558, 43.5500, 95.1576



52.2934, 38.8490, 99.3502



67.1662, 50.1346, 91.9681



17.2013, 17.1164, 21.7825



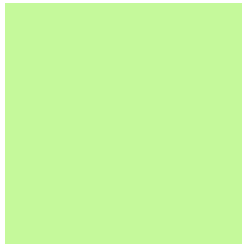
14.9076, 6.6278, 48.4671



1.5027, 0.6767, 4.4946

Previews

White Background



This preview shows how the XYZ color 62.8180, 81.9882, 43.5248 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 62.8180, 81.9882, 43.5248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

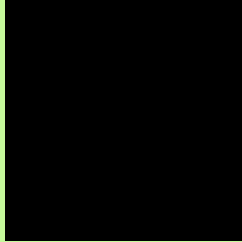
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.8180, 81.9882, 43.5248

Background



This preview shows how black text looks on a background with the XYZ color 62.8180, 81.9882, 43.5248.

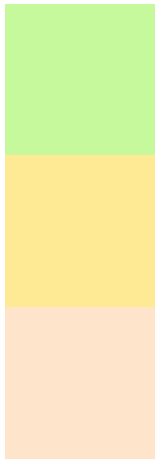


This preview shows how white text looks on a background with the XYZ color 62.8180, 81.9882,

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

62.8180, 81.9882, 43.5248

Protanopia

75.4368, 81.5186, 40.1925

Deuteranopia

79.8825, 81.1064, 68.5716



Tritanopia

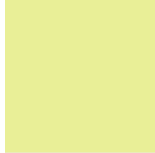
75.7748, 81.9345, 106.4289

Trichromacy



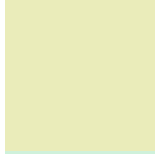
Original Color

62.8180, 81.9882, 43.5248



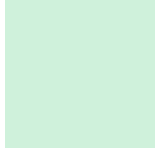
Protanomaly

70.0567, 81.2910, 41.2765



Deuteranomaly

72.7901, 81.0285, 58.2580



Tritanomaly

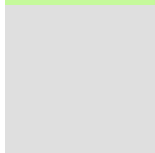
69.9736, 81.2905, 79.0205

Monochromacy



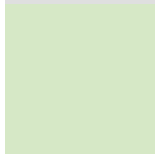
Original Color

62.8180, 81.9882, 43.5248



Achromatopsia

70.1384, 73.7910, 80.3584



Achromatomaly

66.7812, 76.0866, 64.5925

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8180, 81.9882, 43.5248 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(197, 249, 155)` looks like.

```
.text, #text, p{  
    color:rgb(197, 249, 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(197, 249, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 249, 155) }
```

Border

The CSS property to change the border of an element to XYZ 62.8180, 81.9882, 43.5248 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(197, 249, 155) }
```


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

```
.border{ border-color:rgb(197, 249, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 249, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 249, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 249, 155);  
box-shadow:4px 4px 4px 4px rgb(197, 249,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8180, 81.9882, 43.5248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 249, 155) }
```

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

```
.background{ background-color: rgb(197,  
249, 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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