

Converting Colors

XYZ(64.5769, 92.0381, 43.9699)

Have a look what the booklet for
XYZ(64.5769, 92.0381, 43.9699)
contains.

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Color

**XYZ(60.2499, 83.4903,
42.6455)**

Conversions

Conversions Part 1

Format	Color
Hex	B4FF98
RGB	180, 255, 152
RGB Percent	71%, 100%, 60%
CMY	0.2941, 0.0000, 0.4039
CMYK	0.29, 0.00, 0.40, 0.00
HSL	104°, 100%, 80%
HSV	104°, 40%, 100%
XYZ	60.2499, 83.4903, 42.6455
YIQ	220.8330, -11.6370, -47.9330

Conversions

Conversions Part 2

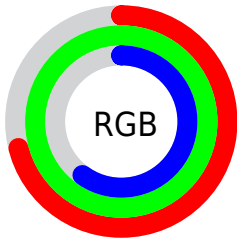
Format	Color
RYB	152, 255, 227
Decimal	11861912
CIELab	93.23, -41.30, 41.99
CIElCh	93, 58.901, 134.522
Yxy	83.4903, 0.3233, 0.4479
Android (android.graphics.Color)	4290051992 (0xFFB4FF98)
YUV	220.8330, -33.9347, -35.8105
Hunter-Lab	91.3730, -42.2028, 36.2894

Details

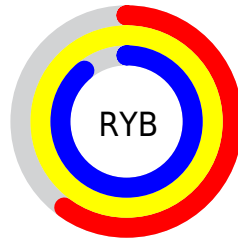
The XYZ color **60.2499, 83.4903, 42.6455** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **60.9580, 46.0087, 100.2755**, and the grayscale version is **68.8461, 72.4315, 78.8779**.

A 20% lighter version of the original color is **82.2824, 94.2021, 72.8776**, and **30.7584, 45.5741, 18.9799** is the 20% darker color. If you saturate the color by 10%, you get **54.3437, 80.6614, 32.6142**, and if you desaturate by 10%, it is **67.1850, 86.7977, 55.0709**.

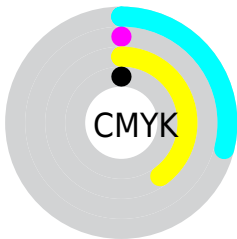
Distribution



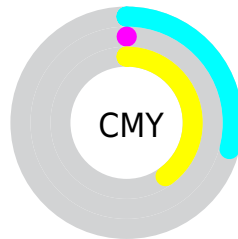
- Red (71%)
- Green (100%)
- Blue (60%)



- Red (60%)
- Yellow (100%)
- Blue (89%)



- Cyan (29%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)





- Cyan (29%)
- Magenta (0%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.2499, 83.4903, 42.6455 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 60.2499, 83.4903, 42.6455 by changing the saturation by 10% instead.

 60.2499, 83.4903,
42.6455


 60.2499, 83.4903,
42.6455


415.3383,
506.6191, 373.0301

 43.8703, 62.5947,
29.2777


 104.2964,
138.2620, 80.4562

 30.7660, 45.5134,
19.0436


 132.6940,
172.9068, 105.7363

 20.5717, 31.8620,
11.5247


165.8283,
212.9035, 135.8242

 12.9220, 21.2561,
6.3023

204.0647,
258.6365, 171.1385

 7.4515, 13.3113,
2.9580

247.7686,
310.4902, 212.0976

 3.7948, 7.6433,
1.0732

297.3052,

 1.5867, 3.8676,

368.8489, 259.1203

0.0000

353.0400,
434.0971, 312.6249

0.3837, 1.5998,
0.0000

0.0000, 0.3574,
0.0000

60.2499, 83.4903,
42.6455

60.2499, 83.4903,
42.6455

54.3437, 80.6614,
32.6142

67.1850, 86.7977,
55.0709

49.4133, 78.2872,
24.8192

75.1959, 90.6047,
70.0269

45.4023, 76.3421,
19.0898

84.3279, 94.9319,
87.6445

42.2473, 74.7978,
15.2287

94.6232, 99.7985,
108.0442

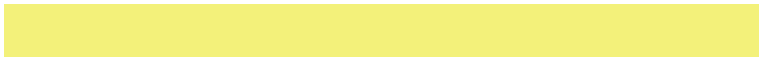
■ 39.8755, 73.6220, 95.0500, 100.0000,
13.0006 108.9000

■ 38.2368, 72.7968,
12.0359

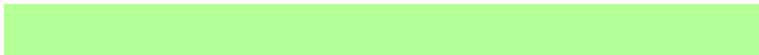
Harmonies

Analogous

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



72.1185, 83.4903, 30.8125



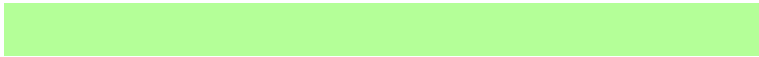
60.2499, 83.4903, 42.6455



53.9736, 83.4903, 69.9914

Triad

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



60.2499, 83.4903, 42.6455



71.6695, 83.4903, 200.3769



111.8191, 83.4903, 71.1516

Complementary

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



60.2499, 83.4903, 42.6455



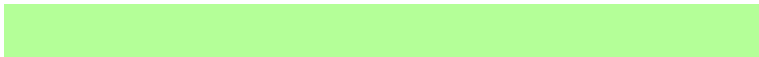
60.9580, 46.0087, 100.2755

Split Complementary

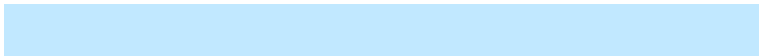
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



111.6577, 83.4903, 115.6218



60.2499, 83.4903, 42.6455



87.0601, 83.4903, 201.0009

Square

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



60.2499, 83.4903, 42.6455



59.9582, 83.4903, 164.7907



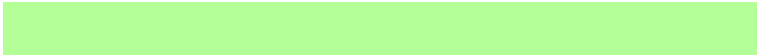
102.1240, 83.4903, 166.2902



102.5400, 83.4903, 43.2555

Rectangle

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



60.2499, 83.4903, 42.6455



53.2136, 83.4903, 97.7994



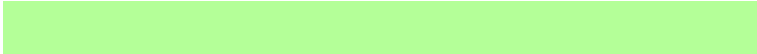
102.1240, 83.4903, 166.2902



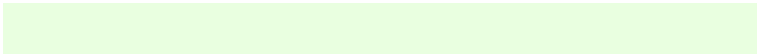
112.9021, 83.4903, 84.3458

Sweetspot

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



60.2503, 83.4905, 42.6468



82.7812, 94.1998, 84.6251



74.0545, 77.8206, 40.8248



17.4545, 20.0376, 17.5998



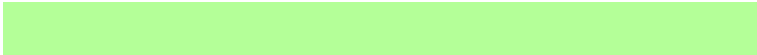
0.0000, 0.0000, 0.0000



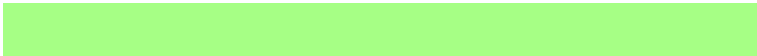
20.3446, 21.4041, 23.3091

Same Dimension

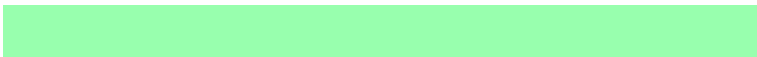
The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.2503, 83.4905, 42.6468



55.6651, 81.2956, 34.8034



56.3806, 81.2641, 52.9216



18.2348, 20.4070, 19.1222



20.1009, 38.1005, 6.2947



2.0564, 3.7609, 0.6175

Inverse Universe

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



60.9580, 46.0087, 100.2755



56.4238, 39.3724, 99.2335



67.1316, 49.5826, 82.8865



18.2828, 18.0375, 22.7679



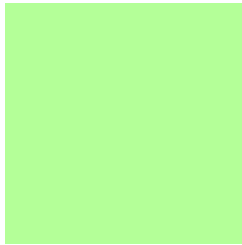
20.1228, 9.2842, 50.1660



2.0641, 0.9580, 4.8894

Previews

White Background



This preview shows how the XYZ color 60.2499, 83.4903, 42.6455 looks on a white background.

Color Contrast Check

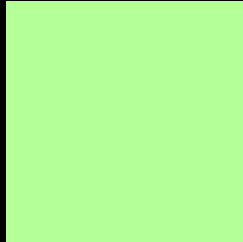
Large Text (above 18pt) WCAG AA × Fail

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 60.2499, 83.4903, 42.6455 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

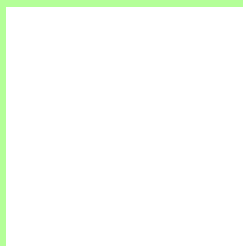
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.2499, 83.4903, 42.6455

Background



This preview shows how black text looks on a background with the XYZ color 60.2499, 83.4903, 42.6455.



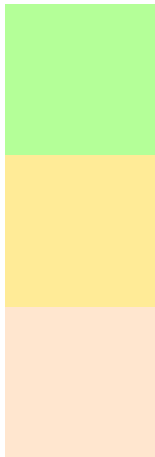
This preview shows how white text looks on a background with the XYZ color 60.2499, 83.4903,

42.6455.

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

60.2499, 83.4903, 42.6455

Protanopia

76.5342, 82.9110, 41.2478

Deuteranopia

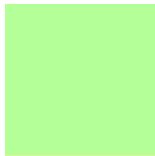
80.7993, 82.3586, 70.6697



Tritanopia

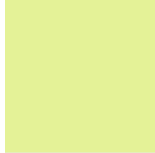
75.2225, 82.9501, 106.6541

Trichromacy



Original Color

60.2499, 83.4903, 42.6455



Protanomaly

69.3330, 82.2326, 41.4964



Deuteranomaly

71.8311, 81.8148, 59.0197



Tritanomaly

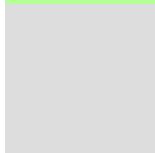
68.5960, 82.3725, 78.6138

Monochromacy



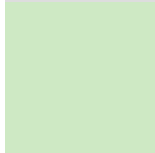
Original Color

60.2499, 83.4903, 42.6455



Achromatopsia

68.7264, 72.3055, 78.7407



Achromatomaly

64.5563, 75.3852, 63.3729

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2499, 83.4903, 42.6455 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(180, 255, 152)` looks like.

```
.text, #text, p{  
    color:rgb(180, 255, 152)  
}
```

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(180, 255, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 255, 152) }
```

Border

The CSS property to change the border of an element to XYZ 60.2499, 83.4903, 42.6455 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(180, 255, 152) }
```


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

```
.border{ border-color:rgb(180, 255, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 255, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 255, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 255, 152);  
box-shadow:4px 4px 4px 4px rgb(180, 255,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2499, 83.4903, 42.6455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 255, 152) }
```

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

```
.background{ background-color: rgb(180,  
255, 152) }
```

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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