

Converting Colors

XYZ(61.0567, 83.7338, 50.4721)

Have a look what the booklet for
XYZ(61.0567, 83.7338, 50.4721)
contains.

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Color

**XYZ(61.0529, 83.7317,
50.4801)**

Conversions

Conversions Part 1

Format	Color
Hex	B1FFA9
RGB	177, 255, 169
RGB Percent	69%, 100%, 66%
CMY	0.3059, 0.0000, 0.3372
CMYK	0.31, 0.00, 0.34, 0.00
HSL	114°, 100%, 83%
HSV	114°, 34%, 100%
XYZ	61.0529, 83.7317, 50.4801
YIQ	221.8740, -18.8820, -43.2820

Conversions

Conversions Part 2

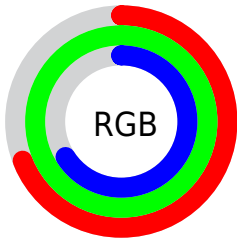
Format	Color
RYB	169, 255, 247
Decimal	11665321
CIELab	93.33, -39.85, 33.71
CIELCh	93, 52.201, 139.771
Yxy	83.7317, 0.3127, 0.4288
Android (android.graphics.Color)	4289855401 (0xFFB1FFA9)
YUV	221.8740, -26.0669, -39.3545
Hunter-Lab	91.5050, -41.0371, 31.3453

Details

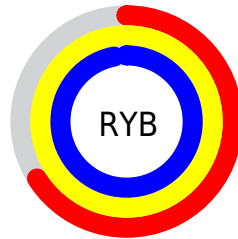
The XYZ color **61.0529, 83.7317, 50.4801** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **70.5967, 55.3713, 101.5746**, and the grayscale version is **69.5296, 73.1505, 79.6609**.

A 20% lighter version of the original color is **83.2823, 94.4487, 85.0751**, and **31.3725, 45.7867, 23.7072** is the 20% darker color. If you saturate the color by 10%, you get **54.0583, 80.3760, 38.8516**, and if you desaturate by 10%, it is **69.4081, 87.7348, 64.6117**.

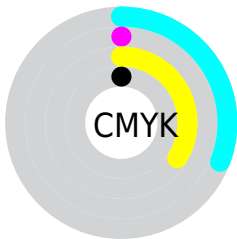
Distribution



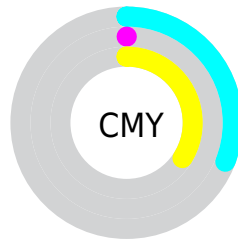
- Red (69%)
- Green (100%)
- Blue (66%)



- Red (66%)
- Yellow (100%)
- Blue (97%)



- Cyan (31%)
- Magenta (0%)
- Yellow (34%)
- Black (0%)





- Cyan (31%)
- Magenta (0%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.0529, 83.7317, 50.4801 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 61.0529, 83.7317, 50.4801 by changing the saturation by 10% instead.


 61.0529, 83.7317,
50.4801

 61.0529, 83.7317,
50.4801


418.2408,
507.4219, 405.3292

 44.5206, 62.7939,
35.4212


 105.4532,
138.5998, 92.2894

 31.2796, 45.6745,
23.7013


134.0519,
173.2989, 119.8769

 20.9647, 31.9891,
14.9021


167.4034,
213.3540, 152.4776

 13.2105, 21.3531,
8.6048

205.8731,
259.1494, 190.5102

 7.6517, 13.3824,
4.3911

249.8263,
311.0694, 234.3931

 3.9228, 7.6924,
1.8422

299.6284,

 1.6586, 3.8987,

369.4986, 284.5448

0.4556

355.6448,
434.8213, 341.3840

■ 0.4301, 1.6171,
0.0000

■ 0.0000, 0.3691,
0.0000

■ 61.0529, 83.7317,
50.4801

■ 61.0529, 83.7317,
50.4801

■ 54.0583, 80.3760,
38.8516

■ 69.4081, 87.7348,
64.6117

■ 48.3507, 77.6330,
29.5767

■ 79.1895, 92.4164,
81.3763

■ 43.8516, 75.4657,
22.4959

■ 90.4598, 97.8060,
100.8997

■ 40.4732, 73.8327,
17.4286

95.0500, 100.0000,
108.9000

■ 38.1157, 72.6872,
14.1652

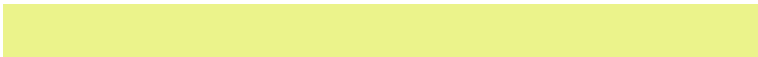
■ 36.6614, 71.9739,
12.4504

■ 36.1300, 71.7107,
11.9373

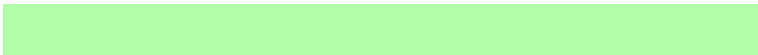
Harmonies

Analogous

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



70.9697, 83.7317, 36.8547



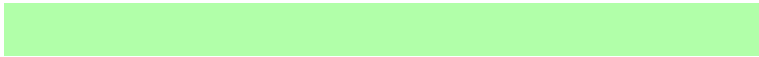
61.0529, 83.7317, 50.4801



56.2924, 83.7317, 78.3699

Triad

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



61.0529, 83.7317, 50.4801



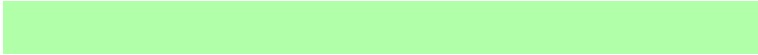
74.9798, 83.7317, 187.8640



107.1563, 83.7317, 67.8746

Complementary

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



61.0529, 83.7317, 50.4801



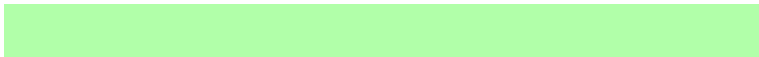
70.5967, 55.3713, 101.5746

Split Complementary

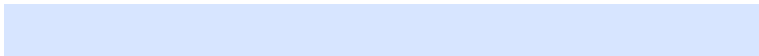
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



108.5506, 83.7317, 105.2922



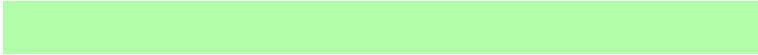
61.0529, 83.7317, 50.4801



88.8696, 83.7317, 182.6330

Square

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



61.0529, 83.7317, 50.4801



63.6970, 83.7317, 162.0820



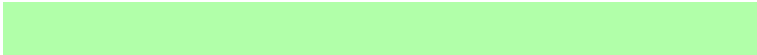
101.5311, 83.7317, 149.3564



97.9158, 83.7317, 44.7081

Rectangle

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



61.0529, 83.7317, 50.4801



56.2633, 83.7317, 104.6370



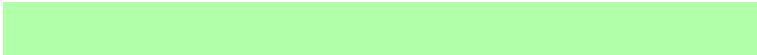
101.5311, 83.7317, 149.3564



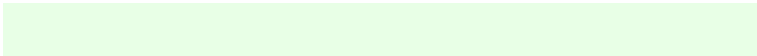
108.5958, 83.7317, 78.9104

Sweetspot

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



61.0534, 83.7319, 50.4814



83.2099, 94.3395, 88.3190



81.4793, 90.2800, 50.6687



17.4804, 20.0347, 18.3335



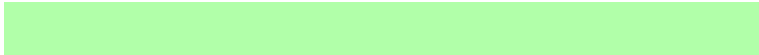
0.0000, 0.0000, 0.0000



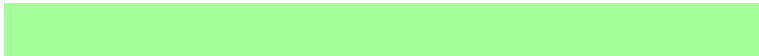
20.3446, 21.4041, 23.3091

Same Dimension

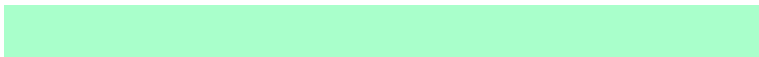
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.0534, 83.7319, 50.4814



56.5092, 81.5524, 42.8998



62.9501, 84.2863, 69.7022



17.9282, 20.2489, 19.1078



18.9309, 37.4973, 6.2399



1.8935, 3.6769, 0.6099

Inverse Universe

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



70.5967, 55.3713, 101.5746



67.2767, 49.5074, 100.6177



68.4265, 54.8361, 75.1062



18.6163, 18.2094, 22.7835



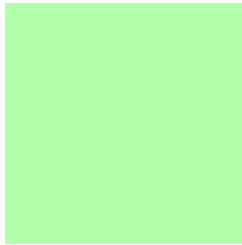
26.7675, 12.7096, 50.4770



2.6528, 1.2615, 4.9169

Previews

White Background



This preview shows how the XYZ color 61.0529, 83.7317, 50.4801 looks on a white background.

Color Contrast Check

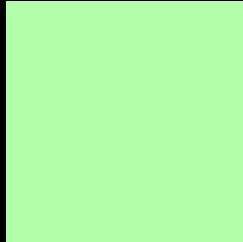
Large Text (above 18pt) WCAG AA × Fail

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 61.0529, 83.7317, 50.4801 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

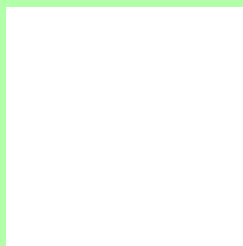
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.0529, 83.7317, 50.4801

Background



This preview shows how black text looks on a background with the XYZ color 61.0529, 83.7317, 50.4801.

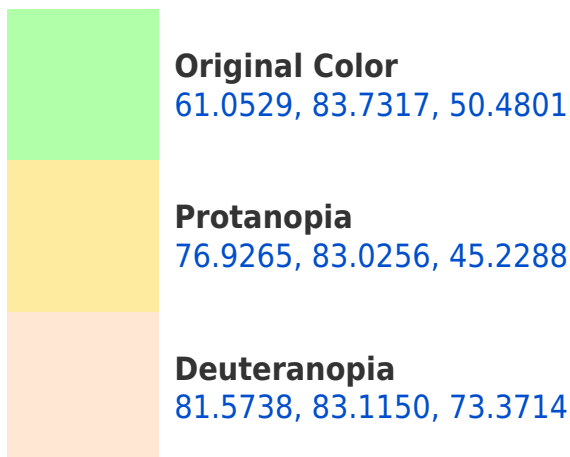


This preview shows how white text looks on a background with the XYZ color 61.0529, 83.7317,

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





Tritanopia

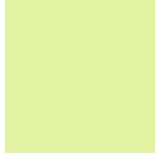
75.2374, 83.3960, 106.7393

Trichromacy



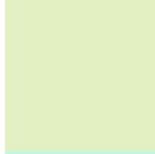
Original Color

61.0529, 83.7317, 50.4801



Protanomaly

69.7270, 82.3174, 46.8642



Deuteranomaly

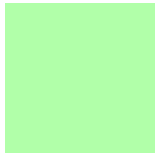
72.8024, 82.6366, 64.3379



Tritanomaly

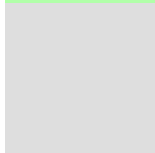
69.1753, 83.0291, 82.9013

Monochromacy



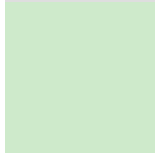
Original Color

61.0529, 83.7317, 50.4801



Achromatopsia

69.4303, 73.0461, 79.5472



Achromatomaly

65.6559, 76.2792, 67.7628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0529, 83.7317, 50.4801 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(177, 255, 169)` looks like.

```
.text, #text, p{  
    color:rgb(177, 255, 169)  
}
```

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(177, 255, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 255, 169) }
```

Border

The CSS property to change the border of an element to XYZ 61.0529, 83.7317, 50.4801 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(177, 255, 169) }
```


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

```
.border{ border-color:rgb(177, 255, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 255, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 255, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 255, 169);  
box-shadow:4px 4px 4px 4px rgb(177, 255,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0529, 83.7317, 50.4801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 255, 169) }
```

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

```
.background{ background-color: rgb(177,  
255, 169) }
```

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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