

Converting Colors

XYZ(57.9041, 82.1272, 49.4826)

Have a look what the booklet for XYZ(57.9041, 82.1272, 49.4826) contains.

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Color

**XYZ(57.8393, 82.0966,
49.3570)**

Conversions

Conversions Part 1

Format	Color
Hex	A3FFA7
RGB	163, 255, 167
RGB Percent	64%, 100%, 65%
CMY	0.3608, 0.0000, 0.3451
CMYK	0.36, 0.00, 0.35, 0.00
HSL	123°, 100%, 82%
HSV	123°, 36%, 100%
XYZ	57.8393, 82.0966, 49.3570
YIQ	217.4600, -26.5840, -46.8720

Conversions

Conversions Part 2

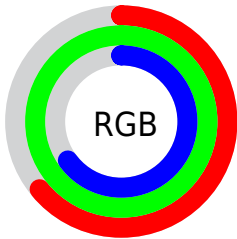
Format	Color
RYB	163, 251, 255
Decimal	10747815
CIELab	92.62, -44.47, 33.64
CIELCh	93, 55.760, 142.899
Yxy	82.0966, 0.3056, 0.4337
Android (android.graphics.Color)	4288937895 (0xFFA3FFA7)
YUV	217.4600, -24.8768, -47.7614
Hunter-Lab	90.6072, -44.6167, 31.1276

Details

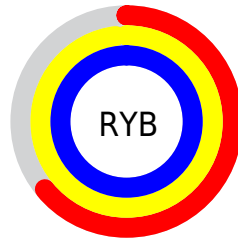
The XYZ color **57.8393, 82.0966, 49.3570** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **71.7497, 54.4197, 97.9878**, and the grayscale version is **66.4473, 69.9077, 76.1295**.

A 20% lighter version of the original color is **78.8981, 92.2199, 83.4539**, and **29.2948, 44.7289, 23.0091** is the 20% darker color. If you saturate the color by 10%, you get **51.0874, 78.8522, 38.3601**, and if you desaturate by 10%, it is **66.0700, 86.0540, 62.6454**.

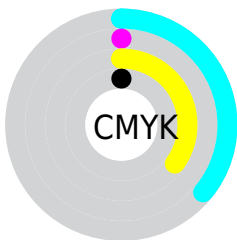
Distribution



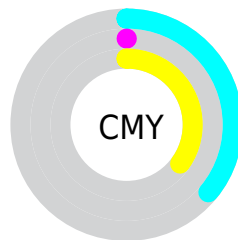
- Red (64%)
- Green (100%)
- Blue (65%)



- Red (64%)
- Yellow (98%)
- Blue (100%)



- Cyan (36%)
- Magenta (0%)
- Yellow (35%)
- Black (0%)




- Cyan (36%)
- Magenta (0%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.8393, 82.0966, 49.3570 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 57.8393, 82.0966, 49.3570 by changing the saturation by 10% instead.


 57.8393, 82.0966,
49.3570

 57.8393, 82.0966,
49.3570


406.5504,
501.9708, 400.8089

 41.9222, 61.4452,
34.5352


 100.8131,
136.3095, 90.6079

 29.2312, 44.5845,
23.0243


 128.6006,
170.6397, 117.8741

 19.4010, 31.1303,
14.4060


161.0755,
210.2983, 150.1254

 12.0661, 20.6981,
8.2616

198.6034,
255.6696, 187.7805

 6.8612, 12.9035,
4.1726

241.5494,
307.1382, 231.2578

 3.4210, 7.3621,
1.7205

290.2790,

 1.3801, 3.6896,

365.0883, 280.9760

0.3747

345.1576,
429.9043, 337.3535

0.2420, 1.5015,
0.0000

0.0000, 0.2898,
0.0000

57.8393, 82.0966,
49.3570

57.8393, 82.0966,
49.3570

51.0874, 78.8522,
38.3601

66.0700, 86.0540,
62.6454

45.7254, 76.2781,
29.5216

75.8586, 90.7630,
78.3405

41.6568, 74.3274,
22.7008

87.2802, 96.2597,
96.5544

38.7724, 72.9473,
17.7387

95.0500, 100.0000,
108.9000

■ 36.9448, 72.0760,
14.4524

■ 36.0174, 71.6374,
12.6220

■ 35.8209, 71.5444,
12.2409

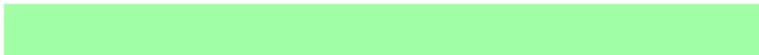
Harmonies

Analogous

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



67.6770, 82.0966, 34.1654



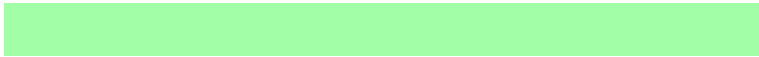
57.8393, 82.0966, 49.3570



53.5050, 82.0966, 79.8775

Triad

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



57.8393, 82.0966, 49.3570



74.6343, 82.0966, 194.3399



106.6341, 82.0966, 61.7809

Complementary

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



57.8393, 82.0966, 49.3570



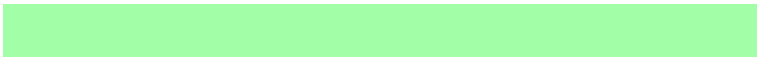
71.7497, 54.4197, 97.9878

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.



109.0952, 82.0966, 99.6276



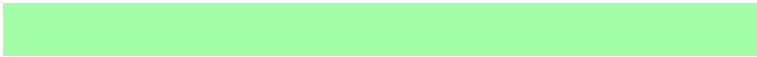
57.8393, 82.0966, 49.3570



89.3892, 82.0966, 184.9624

Square

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



57.8393, 82.0966, 49.3570



62.3918, 82.0966, 169.3931



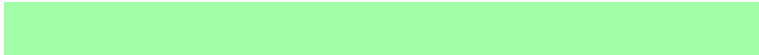
102.4459, 82.0966, 146.7232



96.0854, 82.0966, 39.6320

Rectangle

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



57.8393, 82.0966, 49.3570



53.8867, 82.0966, 108.4246



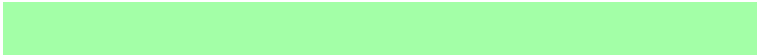
102.4459, 82.0966, 146.7232



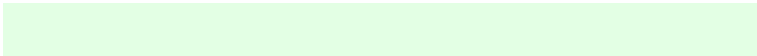
108.4840, 82.0966, 72.7234

Sweetspot

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



57.8398, 82.0968, 49.3583



81.4500, 93.4537, 87.2681



82.4917, 94.8474, 48.6104



17.1052, 19.8448, 18.1550



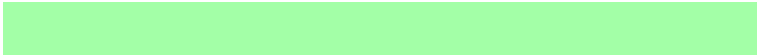
0.0000, 0.0000, 0.0000



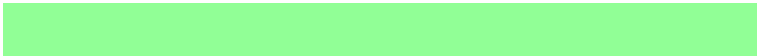
20.3446, 21.4041, 23.3091

Same Dimension

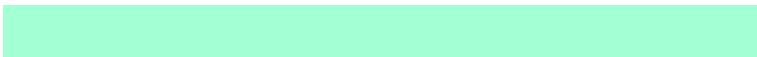
The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.8398, 82.0968, 49.3583



53.0135, 79.7774, 41.5091



62.7566, 84.0635, 75.2500



17.8036, 20.1810, 19.2687



18.7309, 37.3890, 6.4685



1.8345, 3.6447, 0.6864

Inverse Universe

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



71.7497, 54.4197, 97.9878



68.7105, 48.5345, 96.3788



65.4699, 51.9077, 64.9190



18.7565, 18.2859, 22.6010



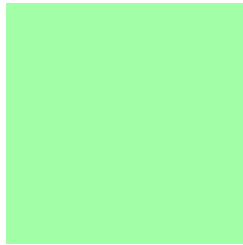
30.0889, 14.5248, 45.9799



2.9398, 1.4183, 4.5305

Previews

White Background



This preview shows how the XYZ color 57.8393, 82.0966, 49.3570 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 57.8393, 82.0966, 49.3570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

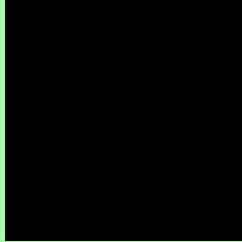
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

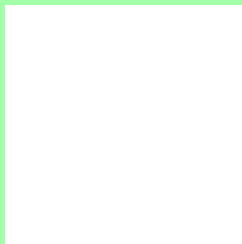
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.8393, 82.0966, 49.3570

Background



This preview shows how black text looks on a background with the XYZ color 57.8393, 82.0966, 49.3570.



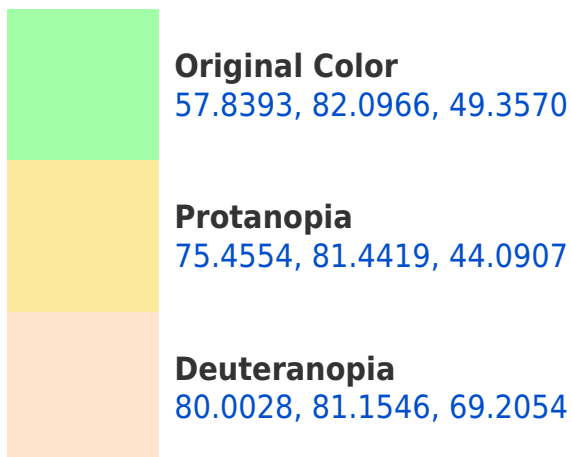
This preview shows how white text looks on a background with the XYZ color 57.8393, 82.0966,

49.3570.

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

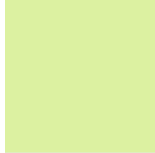
72.2360, 81.4105, 106.5143

Trichromacy



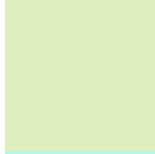
Original Color

57.8393, 82.0966, 49.3570



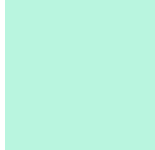
Protanomaly

67.4035, 80.6994, 45.7422



Deuteranomaly

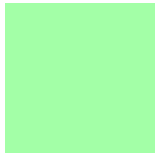
70.1027, 80.4403, 61.1219



Tritanomaly

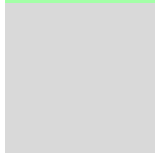
65.9793, 80.9468, 81.9589

Monochromacy



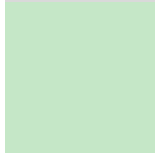
Original Color

57.8393, 82.0966, 49.3570



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

61.9107, 73.1457, 64.8883

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8393, 82.0966, 49.3570 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(163, 255, 167)` looks like.

```
.text, #text, p{  
    color:rgb(163, 255, 167)  
}
```

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(163, 255, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 255, 167) }
```

Border

The CSS property to change the border of an element to XYZ 57.8393, 82.0966, 49.3570 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(163, 255, 167) }
```


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

```
.border{ border-color:rgb(163, 255, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 255, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 255, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 255, 167);  
box-shadow:4px 4px 4px 4px rgb(163, 255,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8393, 82.0966, 49.3570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 255, 167) }
```

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

```
.background{ background-color: rgb(163,  
255, 167) }
```

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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