

Converting Colors

XYZ(66.5275, 94.6765, 56.2559)

Have a look what the booklet for
XYZ(66.5275, 94.6765, 56.2559)
contains.

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Color

**XYZ(60.9294, 83.5786,
54.5159)**

Conversions

Conversions Part 1

Format	Color
Hex	ADFFB1
RGB	173, 255, 177
RGB Percent	68%, 100%, 69%
CMY	0.3216, 0.0000, 0.3059
CMYK	0.32, 0.00, 0.31, 0.00
HSL	123°, 100%, 84%
HSV	123°, 32%, 100%
XYZ	60.9294, 83.5786, 54.5159
YIQ	221.5900, -23.8340, -41.6420

Conversions

Conversions Part 2

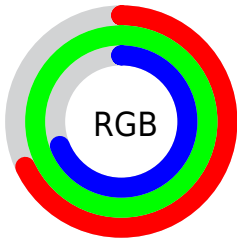
Format	Color
RYB	173, 251, 255
Decimal	11403185
CIELab	93.27, -39.86, 29.58
CIELCh	93, 49.634, 143.420
Yxy	83.5786, 0.3061, 0.4199
Android (android.graphics.Color)	4289593265 (0xFFADFFB1)
YUV	221.5900, -21.9829, -42.6134
Hunter-Lab	91.4213, -41.0228, 28.6394

Details

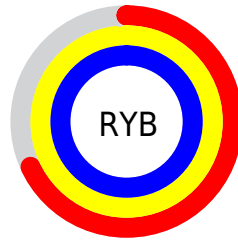
The XYZ color **60.9294, 83.5786, 54.5159** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **73.5962, 58.1126, 98.6037**, and the grayscale version is **69.3037, 72.9129, 79.4022**.

A 20% lighter version of the original color is **83.1011, 94.2262, 90.8984**, and **31.3034, 45.6950, 26.2389** is the 20% darker color. If you saturate the color by 10%, you get **53.6116, 80.0610, 42.6551**, and if you desaturate by 10%, it is **69.7541, 87.8232, 68.6928**.

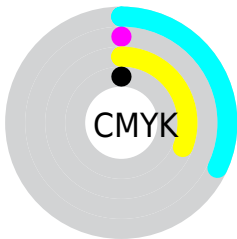
Distribution



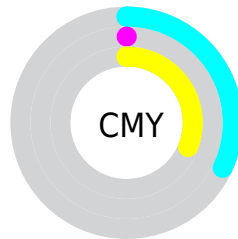
- Red (68%)
- Green (100%)
- Blue (69%)



- Red (68%)
- Yellow (98%)
- Blue (100%)



- Cyan (32%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)



- Cyan (32%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.9294, 83.5786, 54.5159 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 60.9294, 83.5786, 54.5159 by changing the saturation by 10% instead.

60.9294, 83.5786,
54.5159

60.9294, 83.5786,
54.5159

417.7951,
506.9128, 421.3044

44.4205, 62.6676,
38.6183

105.2754,
138.3855, 98.2953

31.2006, 45.5723,
26.1574

133.8432,
173.0503, 127.0142

20.9042, 31.9085,
16.7146

167.1614,
213.0683, 160.8440

13.1661, 21.2916,
9.8714

205.5953,
258.8242, 200.2031

7.6208, 13.3373,
5.2093

249.5103,
310.7021, 245.5102

3.9030, 7.6612,
2.3097

299.2717,

1.6474, 3.8790,

369.0866, 297.1837

0.7366

355.2448,
434.3621, 355.6423

■ 0.4230, 1.6061,
0.0000

■ 0.0000, 0.3617,
0.0000

■ 60.9294, 83.5786,
54.5159

■ 60.9294, 83.5786,
54.5159

■ 53.6116, 80.0610,
42.6551

■ 69.7541, 87.8232,
68.6928

■ 47.7149, 77.2291,
32.9838

■ 80.1617, 92.8318,
85.2956

■ 43.1474, 75.0383,
25.3692

■ 92.2250, 98.6396,
104.4317

■ 39.8058, 73.4385,
19.6625

95.0500, 100.0000,
108.9000

■ 37.5714, 72.3722,
15.6951

■ 36.3021, 71.7702,
13.2686

■ 35.8291, 71.5476,
12.2839

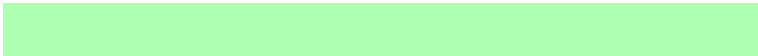
Harmonies

Analogous

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



69.8687, 83.5786, 39.6714



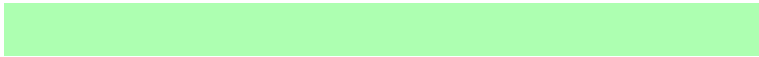
60.9294, 83.5786, 54.5159



57.0101, 83.5786, 83.0072

Triad

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



60.9294, 83.5786, 54.5159



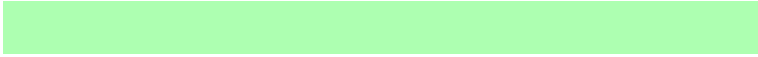
76.5957, 83.5786, 182.7904



104.7855, 83.5786, 65.3029

Complementary

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



60.9294, 83.5786, 54.5159



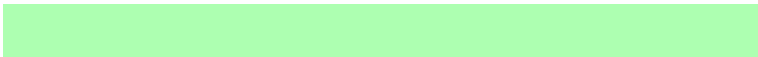
73.5962, 58.1126, 98.6037

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.



107.0919, 83.5786, 99.4963



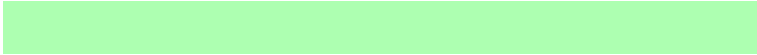
60.9294, 83.5786, 54.5159



89.8455, 83.5786, 174.2476

Square

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



60.9294, 83.5786, 54.5159



65.3921, 83.5786, 161.8452



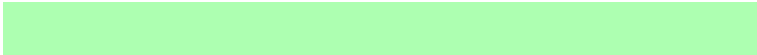
101.3621, 83.5786, 140.9503



95.3658, 83.5786, 44.6012

Rectangle

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



60.9294, 83.5786, 54.5159



57.4282, 83.5786, 108.7383



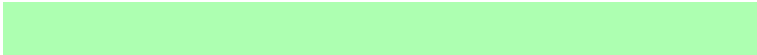
101.3621, 83.5786, 140.9503



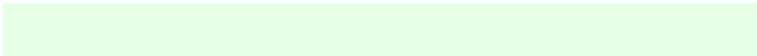
106.4581, 83.5786, 75.3091

Sweetspot

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



60.9299, 83.5788, 54.5172



82.6206, 94.0155, 89.2043



83.5445, 95.2825, 53.5239



17.3393, 19.9572, 18.5453



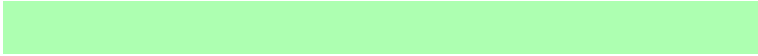
0.0000, 0.0000, 0.0000



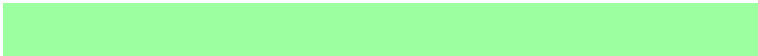
20.3446, 21.4041, 23.3091

Same Dimension

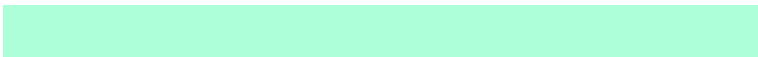
The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.9299, 83.5788, 54.5172



55.7638, 81.0953, 46.1566



65.4836, 85.4003, 78.4969



17.8075, 20.1825, 19.2892



18.7365, 37.3912, 6.4977



1.8364, 3.6455, 0.6962

Inverse Universe

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



73.5962, 58.1126, 98.6037



70.3315, 51.7976, 96.8547



67.9752, 55.8642, 69.0040



18.7521, 18.2842, 22.5778



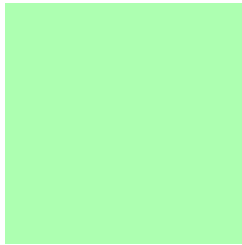
29.9838, 14.4828, 45.4266



2.9307, 1.4147, 4.4827

Previews

White Background



This preview shows how the XYZ color 60.9294, 83.5786, 54.5159 looks on a white background.

Color Contrast Check

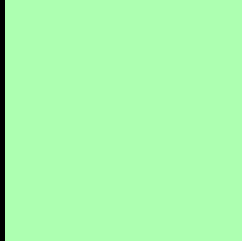
Large Text (above 18pt) WCAG AA × Fail

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 60.9294, 83.5786, 54.5159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

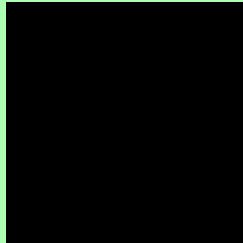
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

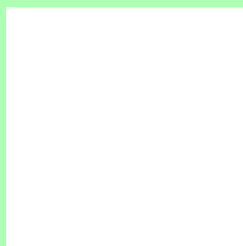
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.9294, 83.5786, 54.5159

Background



This preview shows how black text looks on a background with the XYZ color 60.9294, 83.5786, 54.5159.



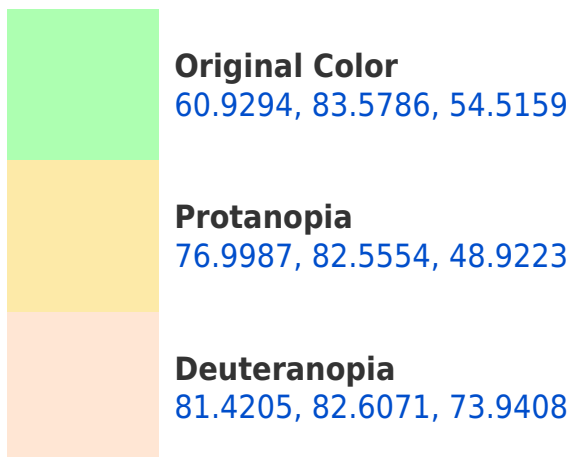
This preview shows how white text looks on a background with the XYZ color 60.9294, 83.5786,

54.5159.

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

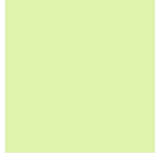
74.6821, 83.1097, 106.7134

Trichromacy



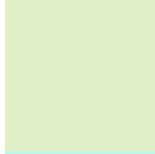
Original Color

60.9294, 83.5786, 54.5159



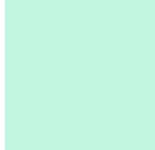
Protanomaly

69.8433, 82.2918, 50.7309



Deuteranomaly

72.2266, 81.8641, 66.0274



Tritanomaly

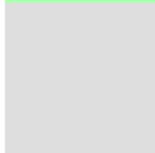
68.8132, 82.7950, 85.0272

Monochromacy



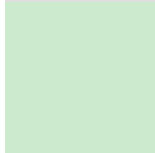
Original Color

60.9294, 83.5786, 54.5159



Achromatopsia

69.4303, 73.0461, 79.5472



Achromatomaly

65.4652, 76.1392, 69.6385

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9294, 83.5786, 54.5159 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(173, 255, 177)` looks like.

```
.text, #text, p{  
    color:rgb(173, 255, 177)  
}
```

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(173, 255, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 255, 177) }
```

Border

The CSS property to change the border of an element to XYZ 60.9294, 83.5786, 54.5159 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(173, 255, 177) }
```


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

```
.border{ border-color:rgb(173, 255, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 255, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 255, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 255, 177);  
box-shadow:4px 4px 4px 4px rgb(173, 255,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9294, 83.5786, 54.5159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 255, 177) }
```

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

```
.background{ background-color: rgb(173,  
255, 177) }
```

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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