

Converting Colors

XYZ(54.9508, 76.0627, 49.3883)

Have a look what the booklet for
XYZ(54.9508, 76.0627, 49.3883)
contains.

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Color

**XYZ(54.9181, 75.9559,
49.3026)**

Conversions

Conversions Part 1

Format	Color
Hex	A3F5A9
RGB	163, 245, 169
RGB Percent	64%, 96%, 66%
CMY	0.3608, 0.0392, 0.3372
CMYK	0.33, 0.00, 0.31, 0.04
HSL	124°, 80%, 80%
HSV	124°, 33%, 96%
XYZ	54.9181, 75.9559, 49.3026
YIQ	211.8180, -24.4760, -41.0200

Conversions

Conversions Part 2

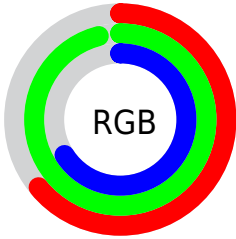
Format	Color
RYB	163, 239, 245
Decimal	10745257
CIELab	89.84, -39.75, 28.90
CIELCh	90, 49.148, 143.982
Yxy	75.9559, 0.3048, 0.4216
Android (android.graphics.Color)	4288935337 (0xFFA3F5A9)
YUV	211.8180, -21.1093, -42.8134
Hunter-Lab	87.1527, -40.0378, 27.4663

Details

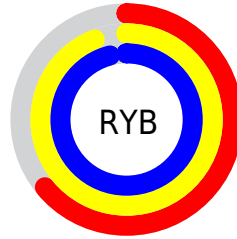
The XYZ color **54.9181, 75.9559, 49.3026** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **66.3359, 51.8404, 88.1742**, and the grayscale version is **62.6075, 65.8679, 71.7302**.

A 20% lighter version of the original color is **78.8658, 92.1719, 84.8684**, and **27.3199, 40.4155, 22.8841** is the 20% darker color. If you saturate the color by 10%, you get **48.4295, 72.8384, 38.8213**, and if you desaturate by 10%, it is **62.7527, 79.7289, 61.7826**.

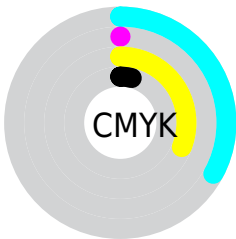
Distribution



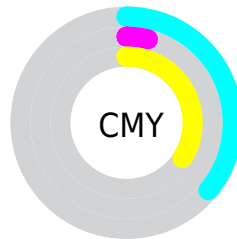
- Red (64%)
- Green (96%)
- Blue (66%)



- Red (64%)
- Yellow (94%)
- Blue (96%)



- Cyan (33%)
- Magenta (0%)
- Yellow (31%)
- Black (4%)





- Cyan (36%)
- Magenta (4%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9181, 75.9559, 49.3026 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 54.9181, 75.9559, 49.3026 by changing the saturation by 10% instead.


 54.9181, 75.9559,
49.3026


 54.9181, 75.9559,
49.3026


395.7429,
481.1967, 400.5890

 39.5697, 56.3963,
34.4923


 96.5700, 127.6646,
90.5264

 27.3859, 40.5208,
22.9916


 123.6042,
160.5825, 117.7769

 18.0014, 27.9448,
14.3821


155.2644,
198.7219, 150.0112

 11.0507, 18.2841,
8.2451

191.9160,
242.4674, 187.6479

 6.1685, 11.1541,
4.1622

233.9242,
292.2032, 231.1055

 2.9894, 6.1706,
1.7147


281.6546,

 1.1482, 2.9491,


348.3138, 280.8025


0.3708


335.4723,
411.1835, 337.1575


 0.0648, 1.1052,
0.0000


 0.0000, 0.0000,
0.0000


 54.9181, 75.9559,
49.3026

 54.9181, 75.9559,
49.3026

 48.4295, 72.8384,
38.8213


 62.7527, 79.7289,
61.7826

 43.2054, 70.3300,
30.2302

 71.9969, 84.1816,
76.3522

 39.1649, 68.3937,
23.4182

 82.7175, 89.3485,
93.1028

 36.2151, 66.9841,
18.2607

 91.9439, 93.7878,
107.8646

■ 34.2493, 66.0493,
14.6168

■ 33.1387, 65.5264,
12.3224

■ 32.7625, 65.3512,
11.4565

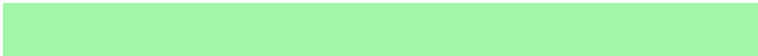
Harmonies

Analogous

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



63.1194, 75.9559, 35.4398



54.9181, 75.9559, 49.3026



51.3867, 75.9559, 75.8928

Triad

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



54.9181, 75.9559, 49.3026



69.7749, 75.9559, 168.5482



95.6800, 75.9559, 58.4075

Complementary

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



54.9181, 75.9559, 49.3026



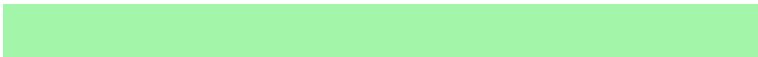
66.3359, 51.8404, 88.1742

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.



97.9732, 75.9559, 89.9091



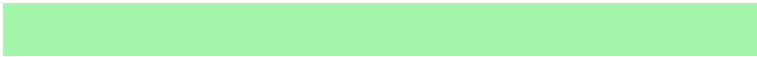
54.9181, 75.9559, 49.3026



82.0987, 75.9559, 160.0158

Square

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



54.9181, 75.9559, 49.3026



59.3238, 75.9559, 149.3817



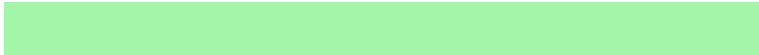
92.7585, 75.9559, 128.5508



86.8023, 75.9559, 39.5732

Rectangle

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



54.9181, 75.9559, 49.3026



51.8366, 75.9559, 99.9220



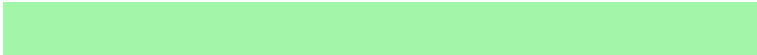
92.7585, 75.9559, 128.5508



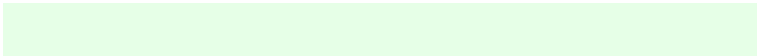
97.2851, 75.9559, 67.5855

Sweetspot

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



54.9201, 75.9591, 49.3043



82.7085, 94.0506, 89.6671



75.0434, 86.3967, 47.3720



17.3604, 19.9656, 18.6561



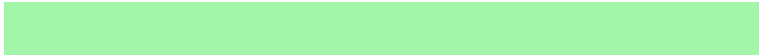
0.0000, 0.0000, 0.0000



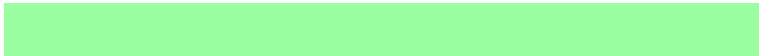
20.3446, 21.4041, 23.3091

Same Dimension

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



54.9201, 75.9591, 49.3043



55.2828, 80.8467, 46.1624



59.3253, 77.7212, 72.5021



16.3314, 18.4917, 17.7635



17.6673, 35.2117, 6.2676



1.5695, 3.1015, 0.6392

Inverse Universe

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



66.3359, 51.8404, 88.1742



69.5025, 50.7910, 94.5700



61.0103, 49.7102, 60.1303



17.1582, 16.7461, 20.5797



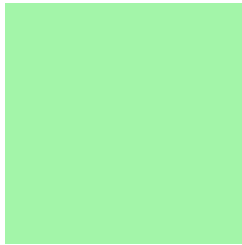
27.7833, 13.4568, 40.4289



2.4572, 1.1889, 3.6342

Previews

White Background



This preview shows how the XYZ color 54.9181, 75.9559, 49.3026 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 54.9181, 75.9559, 49.3026 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

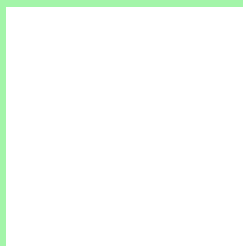
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.9181, 75.9559, 49.3026

Background



This preview shows how black text looks on a background with the XYZ color 54.9181, 75.9559, 49.3026.

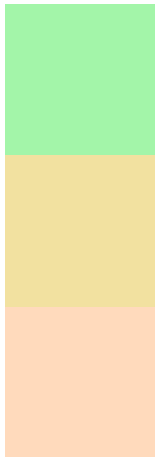


This preview shows how white text looks on a background with the XYZ color 54.9181, 75.9559,

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

54.9181, 75.9559, 49.3026

Protanopia

69.8883, 75.2657, 44.1019

Deuteranopia

75.3885, 75.0336, 58.0865



Tritanopia

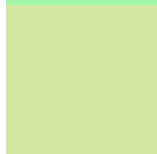
65.7428, 75.5212, 104.0405

Trichromacy



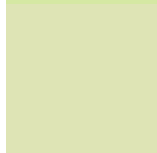
Original Color

54.9181, 75.9559, 49.3026



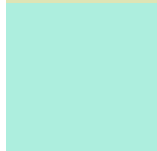
Protanomaly

62.9080, 74.5037, 45.7154



Deuteranomaly

66.2081, 74.3526, 54.5780



Tritanomaly

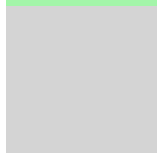
60.9929, 75.3072, 80.4283

Monochromacy



Original Color

54.9181, 75.9559, 49.3026



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

58.8676, 68.7662, 62.3951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9181, 75.9559, 49.3026 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, 245, 169)` looks like.

```
.text, #text, p{  
    color:rgb(163, 245, 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(163, 245, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 245, 169) }
```

Border

The CSS property to change the border of an element to XYZ 54.9181, 75.9559, 49.3026 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, 245, 169) }
```


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

```
.border{ border-color:rgb(163, 245, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 245, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 245, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 245, 169);  
box-shadow:4px 4px 4px 4px rgb(163, 245,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9181, 75.9559, 49.3026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 245, 169) }
```

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

```
.background{ background-color: rgb(163,  
245, 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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