

Converting Colors

XYZ(53.6329, 75.9313, 49.6686)

Have a look what the booklet for
XYZ(53.6329, 75.9313, 49.6686)
contains.

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Color

**XYZ(53.5379, 75.6838,
49.8169)**

Conversions

Conversions Part 1

Format	Color
Hex	9AF6AA
RGB	154, 246, 170
RGB Percent	60%, 96%, 67%
CMY	0.3961, 0.0353, 0.3333
CMYK	0.37, 0.00, 0.31, 0.04
HSL	130°, 84%, 78%
HSV	130°, 37%, 96%
XYZ	53.5379, 75.6838, 49.8169
YIQ	209.8280, -30.4360, -43.1400

Conversions

Conversions Part 2

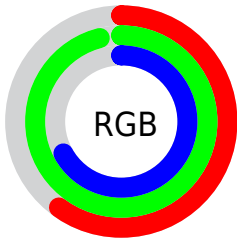
Format	Color
RYB	154, 232, 246
Decimal	10155690
CIELab	89.71, -42.73, 28.15
CIElCh	90, 51.166, 146.620
Yxy	75.6838, 0.2990, 0.4227
Android (android.graphics.Color)	4288345770 (0xFF9AF6AA)
YUV	209.8280, -19.6352, -48.9612
Hunter-Lab	86.9964, -42.3943, 26.9462

Details

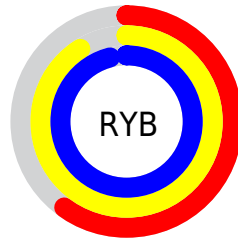
The XYZ color **53.5379, 75.6838, 49.8169** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **63.8470, 48.4188, 80.8465**, and the grayscale version is **61.2864, 64.4780, 70.2166**.

A 20% lighter version of the original color is **76.3514, 90.8599, 85.4651**, and **26.4455, 40.2762, 23.2099** is the 20% darker color. If you saturate the color by 10%, you get **47.5508, 72.8047, 40.2659**, and if you desaturate by 10%, it is **60.7855, 79.1827, 60.9814**.

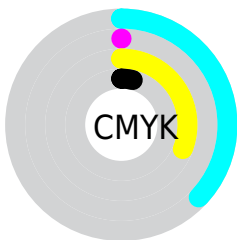
Distribution



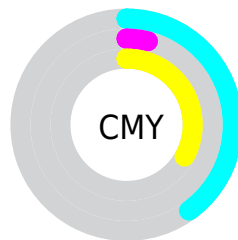
- Red (60%)
- Green (96%)
- Blue (67%)



- Red (60%)
- Yellow (91%)
- Blue (96%)



- Cyan (37%)
- Magenta (0%)
- Yellow (31%)
- Black (4%)





- Cyan (40%)
- Magenta (4%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.5379, 75.6838, 49.8169 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 53.5379, 75.6838, 49.8169 by changing the saturation by 10% instead.


 53.5379, 75.6838,
49.8169


 53.5379, 75.6838,
49.8169

390.5726,
480.2646, 402.6640

 38.4615, 56.1733,
34.8978


 94.5563, 127.2798,
91.2970

 26.5199, 40.3419,
23.3012


 121.2290,
160.1341, 118.6951

 17.3477, 27.8052,
14.6087


152.4980,
198.2051, 151.0900

 10.5796, 18.1789,
8.4017

188.7284,
241.8772, 188.9001

 5.8501, 11.0785,
4.2616

230.2857,
291.5349, 232.5440

 2.7939, 6.1196,
1.7699


277.5353,

 1.0457, 2.9180,

347.5623, 282.4402


0.4080


330.8425,
410.3441, 339.0074

 0.0000, 1.0891,
0.0000


 0.0000, 0.0000,
0.0000


 53.5379, 75.6838,
49.8169


 53.5379, 75.6838,
49.8169


 47.5508, 72.8047,
40.2659

 60.7855, 79.1827,
60.9814


 42.7458, 70.5001,
32.2489

 69.3546, 83.3248,
73.8239

 39.0447, 68.7335,
25.6872

 79.3090, 88.1439,
88.4115

 36.3570, 67.4601,
20.4933

 90.7068, 93.6687,
104.8063

■ 34.5777, 66.6279,
16.5698

■ 92.2472, 94.3944,
107.9657

■ 33.5722, 66.1697,
13.8065

■ 33.3893, 66.0872,
13.2611

Harmonies

Analogous

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



61.6143, 75.6838, 34.6309



53.5379, 75.6838, 49.8169



50.3548, 75.6838, 78.3823

Triad

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



53.5379, 75.6838, 49.8169



70.5159, 75.6838, 172.9157



95.8469, 75.6838, 55.0577

Complementary

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



53.5379, 75.6838, 49.8169



63.8470, 48.4188, 80.8465

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.



98.9389, 75.6838, 86.5668



53.5379, 75.6838, 49.8169



83.3487, 75.6838, 161.3251

Square

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



53.5379, 75.6838, 49.8169



59.4092, 75.6838, 155.0060



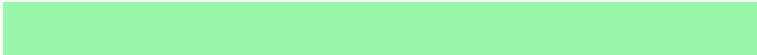
94.1273, 75.6838, 126.7919



86.1086, 75.6838, 36.9777

Rectangle

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



53.5379, 75.6838, 49.8169



51.1236, 75.6838, 103.8935



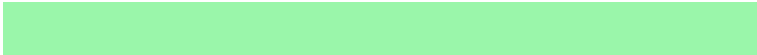
94.1273, 75.6838, 126.7919



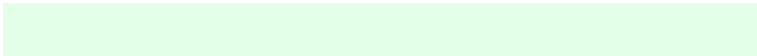
97.7438, 75.6838, 64.1078

Sweetspot

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



53.5399, 75.6870, 49.8186



81.9639, 93.6592, 89.9742



71.6389, 85.1818, 43.2385



17.2265, 19.8934, 18.7941



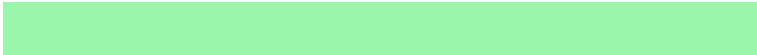
0.0000, 0.0000, 0.0000



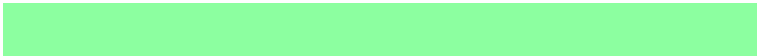
20.3446, 21.4041, 23.3091

Same Dimension

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



53.5399, 75.6870, 49.8186



52.9807, 79.6625, 45.9367



58.5930, 77.7082, 76.4283



16.3998, 18.5191, 18.1238



17.8564, 35.2874, 7.2633



1.6019, 3.1144, 0.8096

Inverse Universe

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



63.8470, 48.4188, 80.8465



65.6563, 46.0900, 84.0658



58.2856, 46.1943, 51.5605



17.0827, 16.7159, 20.1819



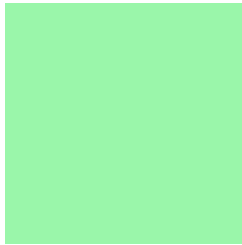
26.1002, 12.7835, 31.5658



2.3258, 1.1363, 2.9420

Previews

White Background



This preview shows how the XYZ color 53.5379, 75.6838, 49.8169 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 53.5379, 75.6838, 49.8169 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 53.5379, 75.6838, 49.8169

Background



This preview shows how black text looks on a background with the XYZ color 53.5379, 75.6838, 49.8169.



This preview shows how white text looks on a background with the XYZ color 53.5379, 75.6838,

49.8169.

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

53.5379, 75.6838, 49.8169

Protanopia

69.6188, 74.7266, 44.0121

Deuteranopia

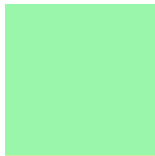
75.1300, 74.5165, 58.0003



Tritanopia

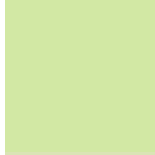
64.3923, 75.2303, 104.8930

Trichromacy



Original Color

53.5379, 75.6838, 49.8169



Protanomaly

62.1358, 74.0952, 46.1489



Deuteranomaly

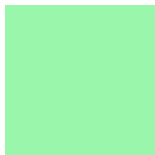
64.9973, 73.7284, 54.5213



Tritanomaly

59.7028, 75.0600, 81.1534

Monochromacy



Original Color

53.5379, 75.6838, 49.8169



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

57.4732, 67.6626, 61.6608

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5379, 75.6838, 49.8169 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(154, 246, 170)` looks like.

```
.text, #text, p{  
    color:rgb(154, 246, 170)  
}
```

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(154, 246, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 246, 170) }
```

Border

The CSS property to change the border of an element to XYZ 53.5379, 75.6838, 49.8169 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(154, 246, 170) }
```


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

```
.border{ border-color:rgb(154, 246, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 246, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 246, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 246, 170);  
box-shadow:4px 4px 4px 4px rgb(154, 246,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5379, 75.6838, 49.8169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 246, 170) }
```

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

```
.background{ background-color: rgb(154,  
246, 170) }
```

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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