

Converting Colors

XYZ(53.4681, 77.4042, 49.1067)

Have a look what the booklet for
XYZ(53.4681, 77.4042, 49.1067)
contains.

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Color

**XYZ(53.4662, 77.4943,
49.1857)**

Conversions

Conversions Part 1

Format	Color
Hex	94FAA8
RGB	148, 250, 168
RGB Percent	58%, 98%, 66%
CMY	0.4196, 0.0196, 0.3412
CMYK	0.41, 0.00, 0.33, 0.02
HSL	132°, 91%, 78%
HSV	132°, 41%, 98%
XYZ	53.4662, 77.4943, 49.1857
YIQ	210.1540, -34.4700, -47.1260

Conversions

Conversions Part 2

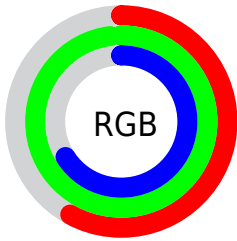
Format	Color
RYB	148, 233, 250
Decimal	9763496
CIELab	90.55, -46.51, 30.25
CIElCh	91, 55.484, 146.966
Yxy	77.4943, 0.2968, 0.4302
Android (android.graphics.Color)	4287953576 (0xFF94FAA8)
YUV	210.1540, -20.7819, -54.5091
Hunter-Lab	88.0308, -45.6407, 28.4943

Details

The XYZ color **53.4662, 77.4943, 49.1857** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **64.2996, 47.2185, 80.5907**, and the grayscale version is **61.5098, 64.7131, 70.4726**.

A 20% lighter version of the original color is **74.6681, 90.0236, 83.9619**, and **26.4789, 41.6019, 22.8540** is the 20% darker color. If you saturate the color by 10%, you get **47.6933, 74.7204, 39.8860**, and if you desaturate by 10%, it is **60.5091, 80.8939, 60.0588**.

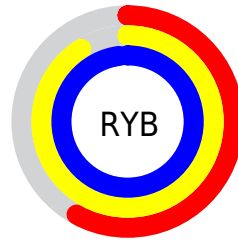
Distribution



Red (58%)

Green (98%)

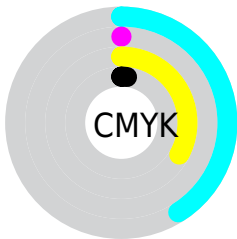
Blue (66%)



Red (58%)

Yellow (91%)

Blue (98%)

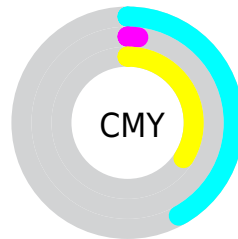


Cyan (41%)

Magenta (0%)

Yellow (33%)

Black (2%)



Cyan (42%)

Magenta (2%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4662, 77.4943, 49.1857 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 53.4662, 77.4943, 49.1857 by changing the saturation by 10% instead.

 53.4662, 77.4943,
49.1857


 53.4662, 77.4943,
49.1857


390.3028,
486.4477, 400.1164

 38.4040, 57.6587,
34.4002


 94.4515, 129.8370,
90.3510

 26.4751, 41.5343,
22.9213


 121.1054,
163.1128, 117.5679

 17.3139, 28.7368,
14.3307


152.3539,
201.6375, 149.7657

 10.5552, 18.8818,
8.2096

188.5623,
245.7955, 187.3628

 5.8337, 11.5849,
4.1397

230.0961,
295.9711, 230.7780

 2.7839, 6.4617,
1.7023


277.3205,


 1.0405, 3.1278,


352.5487, 280.4296


0.3623


330.6010,
415.9128, 336.7362

 0.0000, 1.1988,
0.0000


 0.0000, 0.0607,
0.0000


 53.4662, 77.4943,
49.1857


 53.4662, 77.4943,
49.1857

 47.6933, 74.7204,
39.8860


 60.5091, 80.8939,
60.0588


 43.1077, 72.5244,
32.0817

 68.8861, 84.9442,
72.5682

 39.6260, 70.8672,
25.6961

 78.6643, 89.6806,
86.7794

 37.1513, 69.7008,
20.6434

 89.9044, 95.1332,
102.7532

■ 35.5690, 68.9678,
16.8284

■ 93.4771, 96.8543,
108.3757

■ 34.7420, 68.5962,
14.3175

Harmonies

Analogous

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



62.2018, 77.4943, 32.9338



53.4662, 77.4943, 49.1857



50.0848, 77.4943, 80.3955

Triad

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



53.4662, 77.4943, 49.1857



72.2520, 77.4943, 186.0660



100.1029, 77.4943, 54.2410

Complementary

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



53.4662, 77.4943, 49.1857



64.2996, 47.2185, 80.5907

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.



103.6594, 77.4943, 88.4901



53.4662, 77.4943, 49.1857



86.4365, 77.4943, 172.5086

Square

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



53.4662, 77.4943, 49.1857



60.0406, 77.4943, 166.0713



98.3792, 77.4943, 133.2949



89.1882, 77.4943, 35.1428

Rectangle

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



53.4662, 77.4943, 49.1857



50.9592, 77.4943, 108.7112



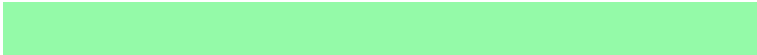
98.3792, 77.4943, 133.2949



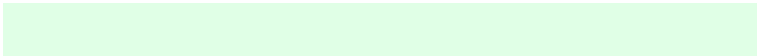
102.2538, 77.4943, 63.9773

Sweetspot

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



53.4682, 77.4975, 49.1874



80.9638, 93.1670, 88.8737



72.5858, 87.5520, 41.0910



17.0301, 19.7964, 18.5906



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.



53.4682, 77.4975, 49.1874



50.8523, 78.6213, 43.3081



59.0162, 79.7167, 78.4030



17.1565, 19.3649, 19.0246



18.4671, 36.3998, 7.8029



1.7458, 3.3854, 0.9093

Inverse Universe

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



64.2996, 47.2185, 80.5907



63.5825, 42.9798, 80.1759



58.2853, 44.8127, 48.9194



17.8386, 17.4628, 21.0056



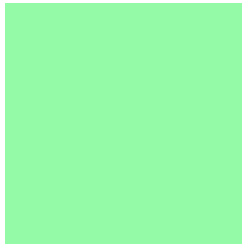
26.5548, 13.0376, 30.6936



2.4954, 1.2219, 3.0322

Previews

White Background



This preview shows how the XYZ color 53.4662, 77.4943, 49.1857 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 53.4662, 77.4943, 49.1857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

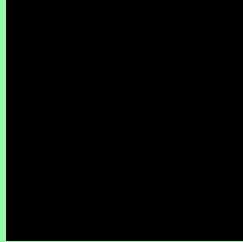
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.4662, 77.4943, 49.1857

Background



This preview shows how black text looks on a background with the XYZ color 53.4662, 77.4943, 49.1857.

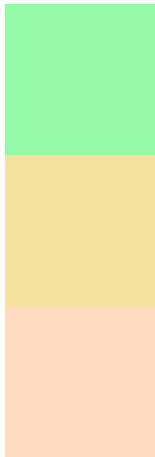


This preview shows how white text looks on a background with the XYZ color 53.4662, 77.4943,

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

53.4662, 77.4943, 49.1857

Protanopia

71.0241, 76.2738, 43.3267

Deuteranopia

76.3476, 76.2522, 60.5634



Tritanopia

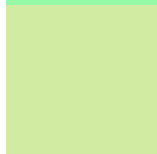
66.0801, 77.3677, 106.0584

Trichromacy



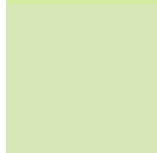
Original Color

53.4662, 77.4943, 49.1857



Protanomaly

62.8083, 75.7269, 45.4888



Deuteranomaly

65.4421, 75.1697, 55.8598



Tritanomaly

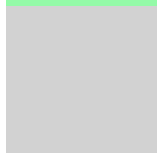
60.5885, 76.8313, 81.4486

Monochromacy



Original Color

53.4662, 77.4943, 49.1857



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

57.2691, 68.3554, 61.8053

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4662, 77.4943, 49.1857 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(148, 250, 168)` looks like.

```
.text, #text, p{  
    color:rgb(148, 250, 168)  
}
```

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(148, 250, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 250, 168) }
```

Border

The CSS property to change the border of an element to XYZ 53.4662, 77.4943, 49.1857 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(148, 250, 168) }
```


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

```
.border{ border-color:rgb(148, 250, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 250, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 250, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 250, 168);  
box-shadow:4px 4px 4px 4px rgb(148, 250,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4662, 77.4943, 49.1857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 250, 168) }
```

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

```
.background{ background-color: rgb(148,  
250, 168) }
```

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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