

Converting Colors

XYZ(53.9345, 71.7971, 54.7316)

Have a look what the booklet for
XYZ(53.9345, 71.7971, 54.7316)
contains.

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Color

**XYZ(53.9345, 71.7971,
54.7316)**

Conversions

Conversions Part 1

Format	Color
Hex	A4EDB5
RGB	164, 237, 181
RGB Percent	64%, 93%, 71%
CMY	0.3569, 0.0706, 0.2902
CMYK	0.31, 0.00, 0.24, 0.07
HSL	134°, 67%, 79%
HSV	134°, 31%, 93%
XYZ	53.9345, 71.7971, 54.7316
YIQ	208.7890, -25.5320, -32.8920

Conversions

Conversions Part 2

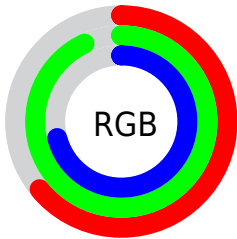
Format	Color
RYB	164, 223, 237
Decimal	10808757
CIELab	87.87, -33.77, 20.07
CIELCh	88, 39.283, 149.282
Yxy	71.7971, 0.2989, 0.3978
Android (android.graphics.Color)	4288998837 (0xFFA4EDB5)
YUV	208.7890, -13.7000, -39.2800
Hunter-Lab	84.7332, -34.6639, 21.0161

Details

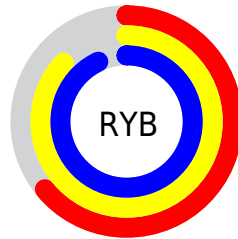
The XYZ color **53.9345, 71.7971, 54.7316** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **61.1212, 49.7243, 74.0894**, and the grayscale version is **60.5667, 63.7209, 69.3921**.

A 20% lighter version of the original color is **80.8649, 93.0066, 93.8108**, and **26.8506, 37.9213, 26.3264** is the 20% darker color. If you saturate the color by 10%, you get **47.7464, 68.8107, 45.3315**, and if you desaturate by 10%, it is **61.2813, 75.3567, 65.4599**.

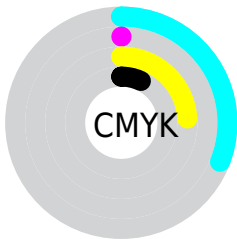
Distribution



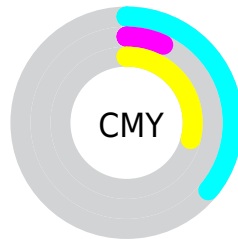
- Red (64%)
- Green (93%)
- Blue (71%)



- Red (64%)
- Yellow (87%)
- Blue (93%)



- Cyan (31%)
- Magenta (0%)
- Yellow (24%)
- Black (7%)





- Cyan (36%)
- Magenta (7%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.9345, 71.7971, 54.7316 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 53.9345, 71.7971, 54.7316 by changing the saturation by 10% instead.


 53.9345, 71.7971,
54.7316


 53.9345, 71.7971,
54.7316


392.0626,
466.8351, 422.1470

 38.7798, 52.9929,
38.7897


 95.1355, 121.7680,
98.6148

 26.7684, 37.7971,
26.2896


 121.9125,
153.7036, 127.3932

 17.5350, 25.8253,
16.8127


153.2943,
190.7850, 161.2875

 10.7144, 16.6930,
9.9405

189.6462,
233.3968, 200.7163

 5.9410, 10.0158,
5.2544

231.3337,
281.9233, 246.0981

 2.8495, 5.4095,
2.3360

278.7220,

 1.0747, 2.4895,

336.7490, 297.8515

0.7513

332.1765,
398.2581, 356.3949

0.0038, 0.8714,
0.0000

0.0000, 0.0000,
0.0000

53.9345, 71.7971,
54.7316

53.9345, 71.7971,
54.7316

47.7464, 68.8107,
45.3315

61.2813, 75.3567,
65.4599

42.6512, 66.3587,
37.2031

69.8368, 79.5083,
77.5603

38.5852, 64.4113,
30.2930

79.6549, 84.2806,
91.0808

35.4755, 62.9323,
24.5422

89.3713, 88.9694,
105.9993

■ 33.2394, 61.8803,
19.8864

■ 89.5756, 89.0512,
107.0752

■ 31.7789, 61.2062,
16.2553

■ 30.9798, 60.8488,
13.7509

Harmonies

Analogous

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



59.8272, 71.7971, 41.3424



53.9345, 71.7971, 54.7316



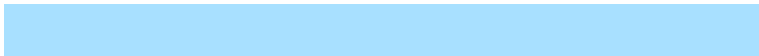
51.8098, 71.7971, 77.5319

Triad

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



53.9345, 71.7971, 54.7316



68.0161, 71.7971, 141.7202



85.1376, 71.7971, 55.6168

Complementary

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



53.9345, 71.7971, 54.7316



61.1212, 49.7243, 74.0894

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.



87.8236, 71.7971, 78.8213



53.9345, 71.7971, 54.7316



77.4089, 71.7971, 132.1761

Square

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



53.9345, 71.7971, 54.7316



59.4707, 71.7971, 131.2632



84.8770, 71.7971, 107.5067



77.8337, 71.7971, 41.7655

Rectangle

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



53.9345, 71.7971, 54.7316



52.6517, 71.7971, 96.4221



84.8770, 71.7971, 107.5067



86.6385, 71.7971, 62.3884

Sweetspot

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



53.9364, 71.8001, 54.7332



84.3987, 94.8217, 94.2774



66.8624, 78.6531, 46.7802



17.7211, 20.1288, 19.7012



0.0000, 0.0000, 0.0000



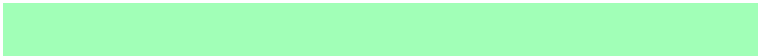
20.3446, 21.4041, 23.3091

Same Dimension

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



53.9364, 71.8001, 54.7332



58.8954, 82.4639, 57.4066



58.0319, 73.4383, 76.2996



15.0120, 16.9196, 16.7463



16.9549, 33.2364, 7.7274



1.3676, 2.6244, 0.7976

Inverse Universe

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



61.1212, 49.7243, 74.0894



68.6358, 52.5124, 83.6304



56.9262, 48.0463, 51.9987



15.5561, 15.2503, 18.2134



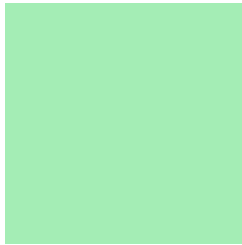
23.7198, 11.6906, 25.3896



1.8989, 0.9325, 2.1850

Previews

White Background



This preview shows how the XYZ color 53.9345, 71.7971, 54.7316 looks on a white background.

Color Contrast Check

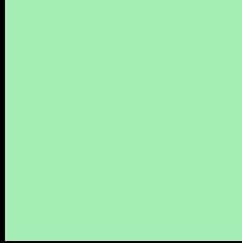
Large Text (above 18pt) WCAG AA × Fail

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 53.9345, 71.7971, 54.7316 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 53.9345, 71.7971, 54.7316

Background



This preview shows how black text looks on a background with the XYZ color 53.9345, 71.7971, 54.7316.



This preview shows how white text looks on a background with the XYZ color 53.9345, 71.7971,

54.7316.

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

53.9345, 71.7971, 54.7316

Protanopia

66.8060, 71.1726, 49.7518

Deuteranopia

72.3021, 70.8291, 56.3150



Tritanopia

62.6634, 71.5493, 98.5034

Trichromacy



Original Color

53.9345, 71.7971, 54.7316



Protanomaly

61.3273, 71.0826, 51.5623



Deuteranomaly

63.7601, 69.8627, 55.4717



Tritanomaly

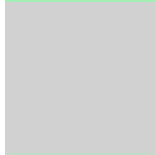
58.9085, 71.2502, 80.4599

Monochromacy



Original Color

53.9345, 71.7971, 54.7316



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

57.6326, 66.1240, 63.7585

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9345, 71.7971, 54.7316 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(164, 237, 181)` looks like.

```
.text, #text, p{  
    color:rgb(164, 237, 181)  
}
```

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(164, 237, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 237, 181) }
```

Border

The CSS property to change the border of an element to XYZ 53.9345, 71.7971, 54.7316 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(164, 237, 181) }
```


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

```
.border{ border-color:rgb(164, 237, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 237, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 237, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 237, 181);  
box-shadow:4px 4px 4px 4px rgb(164, 237,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9345, 71.7971, 54.7316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 237, 181) }
```

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

```
.background{ background-color: rgb(164,  
237, 181) }
```

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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