

Converting Colors

XYZ(53.0856, 74.4271, 55.2840)

Have a look what the booklet for
XYZ(53.0856, 74.4271, 55.2840)
contains.

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Color

**XYZ(53.0856, 74.4271,
55.2840)**

Conversions

Conversions Part 1

Format	Color
Hex	95F4B5
RGB	149, 244, 181
RGB Percent	58%, 96%, 71%
CMY	0.4157, 0.0431, 0.2902
CMYK	0.39, 0.00, 0.26, 0.04
HSL	140°, 81%, 77%
HSV	140°, 39%, 96%
XYZ	53.0856, 74.4271, 55.2840
YIQ	208.4130, -36.3970, -39.7330

Conversions

Conversions Part 2

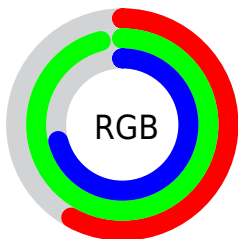
Format	Color
RYB	149, 220, 244
Decimal	9827509
CIELab	89.12, -41.36, 21.69
CIElCh	89, 46.700, 152.320
Yxy	74.4271, 0.2904, 0.4072
Android (android.graphics.Color)	4288017589 (0xFF95F4B5)
YUV	208.4130, -13.5146, -52.1052
Hunter-Lab	86.2711, -41.1373, 22.3958

Details

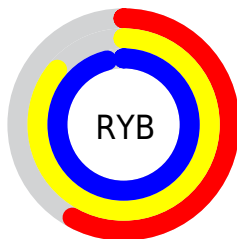
The XYZ color **53.0856, 74.4271, 55.2840** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **59.9418, 45.4831, 67.9101**, and the grayscale version is **60.3258, 63.4675, 69.1161**.

A 20% lighter version of the original color is **76.4997, 90.7562, 93.6065**, and **26.1808, 39.4263, 26.6522** is the 20% darker color. If you saturate the color by 10%, you get **47.5267, 71.7443, 46.8549**, and if you desaturate by 10%, it is **59.7739, 77.6740, 64.7759**.

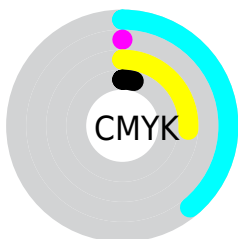
Distribution



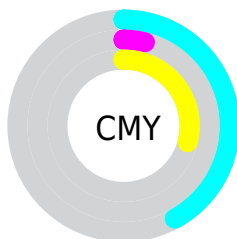
- Red (58%)
- Green (96%)
- Blue (71%)



- Red (58%)
- Yellow (86%)
- Blue (96%)



- Cyan (39%)
- Magenta (0%)
- Yellow (26%)
- Black (4%)





- Cyan (42%)
- Magenta (4%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.0856, 74.4271, 55.2840 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 53.0856, 74.4271, 55.2840 by changing the saturation by 10% instead.


 53.0856, 74.4271,
55.2840


 53.0856, 74.4271,
55.2840


388.8689,
475.9461, 424.2998

 38.0989, 55.1437,
39.2290


 93.8951, 125.5011,
99.4323

 26.2370, 39.5168,
26.6287


 120.4486,
158.0604, 128.3626

 17.1346, 27.1620,
17.0646


151.5883,
195.8138, 162.4218

 10.4264, 17.6949,
10.1181

187.6797,
239.1457, 202.0284

 5.7470, 10.7312,
5.3707

229.0882,
288.4405, 247.6010

 2.7311, 5.8864,
2.4039


276.1789,


 1.0132, 2.7761,


344.0826, 299.5581


0.7885


329.3174,
406.4563, 358.3182


 0.0000, 1.0160,
0.0000


 0.0000, 0.0000,
0.0000


 53.0856, 74.4271,
55.2840


 53.0856, 74.4271,
55.2840


 47.5267, 71.7443,
46.8549


 59.7739, 77.6740,
64.7759


 43.0259, 69.5834,
39.4462

 67.6455, 81.5058,
75.3610

 39.5130, 67.9110,
33.0199

 76.7580, 85.9536,
87.0748

 36.9060, 66.6858,
27.5338

 87.1631, 91.0435,
99.9495

■ 35.1089, 65.8591,
22.9422

■ 91.6421, 93.1841,
107.7640

■ 33.9814, 65.3596,
19.1943

■ 33.8823, 65.3162,
18.8420

Harmonies

Analogous

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



59.6792, 74.4271, 38.7924



53.0856, 74.4271, 55.2840



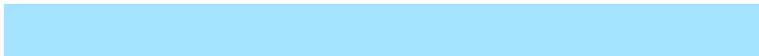
51.0597, 74.4271, 83.6010

Triad

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



53.0856, 74.4271, 55.2840



71.6299, 74.4271, 161.1236



90.8809, 74.4271, 51.9494

Complementary

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



53.0856, 74.4271, 55.2840



59.9418, 45.4831, 67.9101

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.



94.9228, 74.4271, 78.5288



53.0856, 74.4271, 55.2840



83.0910, 74.4271, 146.3369

Square

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



53.0856, 74.4271, 55.2840



61.0591, 74.4271, 150.1299



91.9314, 74.4271, 113.7584



81.3952, 74.4271, 37.2611

Rectangle

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



53.0856, 74.4271, 55.2840



52.3750, 74.4271, 107.2321



91.9314, 74.4271, 113.7584



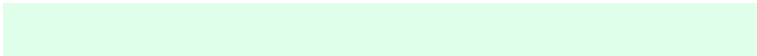
92.9646, 74.4271, 59.5006

Sweetspot

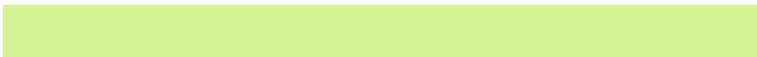
The Sweet Spot groups the original color and five complimentary colors.



53.0876, 74.4302, 55.2857



81.5777, 93.4125, 92.1064



65.0257, 80.9213, 40.6268



17.1738, 19.8539, 19.3473



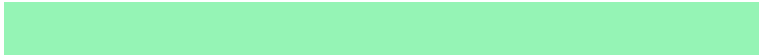
0.0000, 0.0000, 0.0000



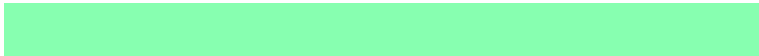
20.3446, 21.4041, 23.3091

Same Dimension

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



53.0876, 74.4302, 55.2857



53.5648, 79.7990, 53.4051



58.7742, 76.7048, 85.2310



16.5125, 18.5641, 18.7171



18.4794, 35.5366, 10.5443



1.6701, 3.1417, 1.1688

Inverse Universe

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



59.9418, 45.4831, 67.9101



62.1432, 43.5171, 69.1656



54.8342, 43.4401, 41.0137



16.9625, 16.6679, 19.5492



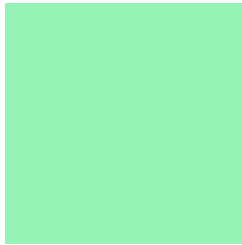
23.8894, 11.8992, 19.9240



2.1474, 1.0649, 2.0027

Previews

White Background



This preview shows how the XYZ color 53.0856, 74.4271, 55.2840 looks on a white background.

Color Contrast Check

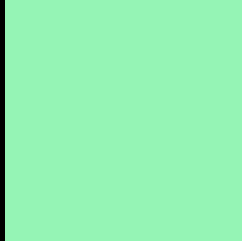
Large Text (above 18pt) WCAG AA × Fail

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 53.0856, 74.4271, 55.2840 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 53.0856, 74.4271, 55.2840

Background



This preview shows how black text looks on a background with the XYZ color 53.0856, 74.4271, 55.2840.



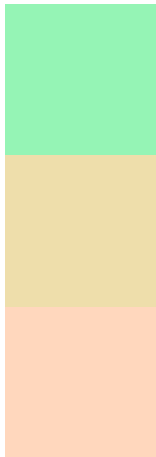
This preview shows how white text looks on a background with the XYZ color 53.0856, 74.4271,

55.2840.

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

53.0856, 74.4271, 55.2840

Protanopia

68.7319, 73.3600, 49.0654

Deuteranopia

74.7257, 73.5350, 58.3993



Tritanopia

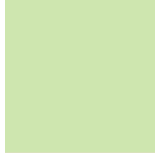
62.9550, 74.5078, 103.9919

Trichromacy



Original Color

53.0856, 74.4271, 55.2840



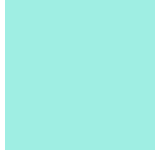
Protanomaly

61.4883, 72.8106, 51.3705



Deuteranomaly

64.3782, 72.5368, 57.0623



Tritanomaly

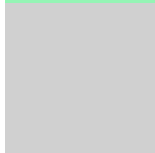
58.7377, 74.0661, 83.8734

Monochromacy



Original Color

53.0856, 74.4271, 55.2840



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

56.5430, 66.3549, 63.2537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0856, 74.4271, 55.2840 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(149, 244, 181)` looks like.

```
.text, #text, p{  
    color:rgb(149, 244, 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(149, 244, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 244, 181) }
```

Border

The CSS property to change the border of an element to XYZ 53.0856, 74.4271, 55.2840 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(149, 244, 181) }
```


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

```
.border{ border-color:rgb(149, 244, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 244, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 244, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 244, 181);  
box-shadow:4px 4px 4px 4px rgb(149, 244,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0856, 74.4271, 55.2840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 244, 181) }
```

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

```
.background{ background-color: rgb(149,  
244, 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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