

Converting Colors

XYZ(53.7334, 75.4779, 55.1847)

Have a look what the booklet for
XYZ(53.7334, 75.4779, 55.1847)
contains.

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Color

**XYZ(53.8739, 75.7318,
55.4943)**

Conversions

Conversions Part 1

Format	Color
Hex	96F6B5
RGB	150, 246, 181
RGB Percent	59%, 96%, 71%
CMY	0.4118, 0.0353, 0.2902
CMYK	0.39, 0.00, 0.26, 0.04
HSL	139°, 84%, 78%
HSV	139°, 39%, 96%
XYZ	53.8739, 75.7318, 55.4943
YIQ	209.8860, -36.3510, -40.5670

Conversions

Conversions Part 2

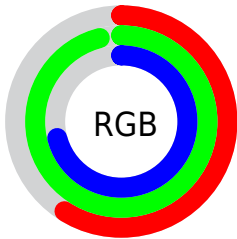
Format	Color
RYB	150, 223, 246
Decimal	9893557
CIELab	89.73, -41.96, 22.54
CIELCh	90, 47.633, 151.752
Yxy	75.7318, 0.2911, 0.4091
Android (android.graphics.Color)	4288083637 (0xFF96F6B5)
YUV	209.8860, -14.2408, -52.5200
Hunter-Lab	87.0240, -41.7882, 23.1082

Details

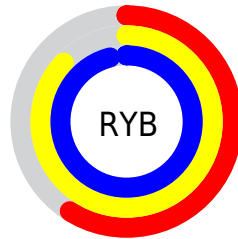
The XYZ color **53.8739, 75.7318, 55.4943** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **61.1806, 46.3134, 70.0075**, and the grayscale version is **61.2929, 64.4849, 70.2241**.

A 20% lighter version of the original color is **76.7782, 90.8998, 93.6195**, and **26.7100, 40.3334, 26.7994** is the 20% darker color. If you saturate the color by 10%, you get **48.2054, 72.9975, 46.8350**, and if you desaturate by 10%, it is **60.7009, 79.0439, 65.2778**.

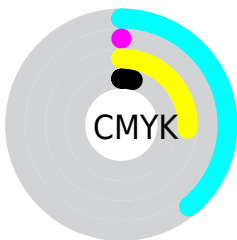
Distribution



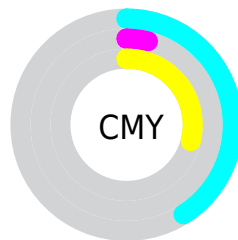
- Red (59%)
- Green (96%)
- Blue (71%)



- Red (59%)
- Yellow (87%)
- Blue (96%)



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





- Cyan (41%)
- Magenta (4%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8739, 75.7318, 55.4943 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 53.8739, 75.7318, 55.4943 by changing the saturation by 10% instead.


 53.8739, 75.7318,
55.4943


 53.8739, 75.7318,
55.4943


391.8352,
480.4291, 425.1176

 38.7311, 56.2126,
39.3963


 95.0470, 127.3477,
99.7432

 26.7304, 40.3734,
26.7580


 121.8081,
160.2132, 128.7312

 17.5064, 27.8298,
17.1607


153.1727,
198.2963, 162.8530

 10.6937, 18.1974,
10.1860

189.5061,
241.9814, 202.5272

 5.9270, 11.0918,
5.4152

231.1737,
291.6528, 248.1721

 2.8410, 6.1286,
2.4299


278.5408,


 1.0703, 2.9234,


347.6950, 300.2065


0.8027


331.9729,
410.4923, 359.0488


 0.0000, 1.0919,
0.0000


 0.0000, 0.0000,
0.0000


 53.8739, 75.7318,
55.4943


 53.8739, 75.7318,
55.4943


 48.2054, 72.9975,
46.8350


 60.7009, 79.0439,
65.2778


 43.6225, 70.7980,
39.2543

 68.7421, 82.9555,
76.2187

 40.0526, 69.0988,
32.7106

 78.0565, 87.4982,
88.3556

 37.4116, 67.8574,
27.1579

 88.6976, 92.6990,
101.7232

■ 35.6006, 67.0240,
22.5464

■ 92.2472, 94.3945,
107.9657

■ 34.4748, 66.5250,
18.8204

■ 34.3845, 66.4854,
18.5018

Harmonies

Analogous

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



60.7454, 75.7318, 38.8038



53.8739, 75.7318, 55.4943



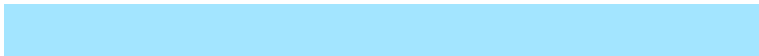
51.6968, 75.7318, 84.4505

Triad

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



53.8739, 75.7318, 55.4943



72.6728, 75.7318, 165.4063



92.9282, 75.7318, 52.9077

Complementary

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



53.8739, 75.7318, 55.4943



61.1806, 46.3134, 70.0075

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.



96.9779, 75.7318, 80.4992



53.8739, 75.7318, 55.4943



84.5226, 75.7318, 150.5375

Square

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



53.8739, 75.7318, 55.4943



61.8186, 75.7318, 153.5078



93.7485, 75.7318, 116.9901



83.1997, 75.7318, 37.6208

Rectangle

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



53.8739, 75.7318, 55.4943



52.9877, 75.7318, 108.8062



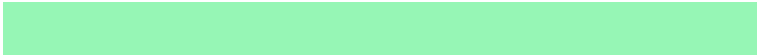
93.7485, 75.7318, 116.9901



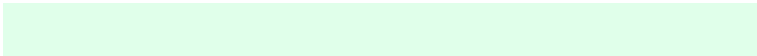
95.0436, 75.7318, 60.7506

Sweetspot

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



53.8759, 75.7349, 55.4960



81.5163, 93.3880, 91.7832



66.6643, 82.6552, 41.2952



17.1594, 19.8482, 19.2715



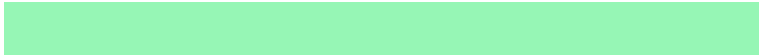
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



53.8759, 75.7349, 55.4960



53.4013, 79.7335, 52.5439



59.5950, 78.0226, 85.6122



16.5028, 18.5602, 18.6659



18.4091, 35.5085, 10.1738



1.6631, 3.1389, 1.1316

Inverse Universe

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



61.1806, 46.3134, 70.0075



62.3583, 43.6032, 70.2981



55.9452, 44.2192, 42.4382



16.9727, 16.6719, 19.6028



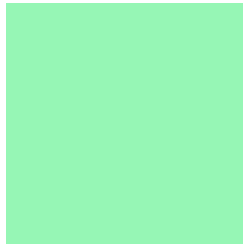
24.0546, 11.9653, 20.7938



2.1611, 1.0704, 2.0745

Previews

White Background



This preview shows how the XYZ color 53.8739, 75.7318, 55.4943 looks on a white background.

Color Contrast Check

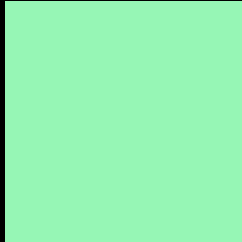
Large Text (above 18pt) WCAG AA × Fail

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 53.8739, 75.7318, 55.4943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

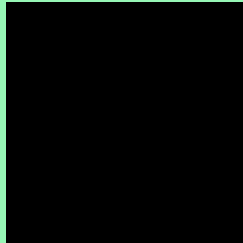
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.8739, 75.7318, 55.4943

Background



This preview shows how black text looks on a background with the XYZ color 53.8739, 75.7318, 55.4943.

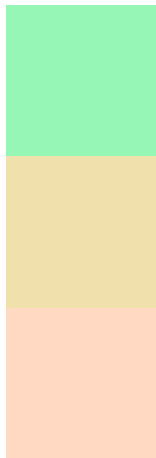


This preview shows how white text looks on a background with the XYZ color 53.8739, 75.7318,

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

53.8739, 75.7318, 55.4943

Protanopia

69.9415, 74.7768, 49.2751

Deuteranopia

75.6785, 74.7360, 60.8889



Tritanopia

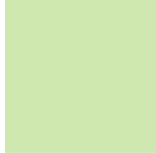
63.9818, 75.4264, 105.7943

Trichromacy



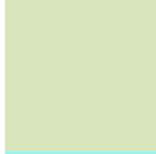
Original Color

53.8739, 75.7318, 55.4943



Protanomaly

62.3266, 74.0738, 51.5701



Deuteranomaly

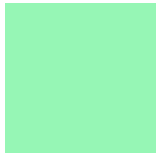
65.5440, 73.9126, 58.9561



Tritanomaly

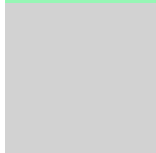
59.8616, 75.4987, 84.8165

Monochromacy



Original Color

53.8739, 75.7318, 55.4943



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

57.4355, 67.5902, 64.0519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8739, 75.7318, 55.4943 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(150, 246, 181)` looks like.

```
.text, #text, p{  
    color:rgb(150, 246, 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(150, 246, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 246, 181) }
```

Border

The CSS property to change the border of an element to XYZ 53.8739, 75.7318, 55.4943 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(150, 246, 181) }
```


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

```
.border{ border-color:rgb(150, 246, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 246, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 246, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 246, 181);  
box-shadow:4px 4px 4px 4px rgb(150, 246,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8739, 75.7318, 55.4943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 246, 181) }
```

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

```
.background{ background-color: rgb(150,  
246, 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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