

Converting Colors

XYZ(53.8739, 75.1585, 61.7163)

Have a look what the booklet for
XYZ(53.8739, 75.1585, 61.7163)
contains.

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Color

**XYZ(53.8439, 75.1303,
61.5329)**

Conversions

Conversions Part 1

Format	Color
Hex	91F5C0
RGB	145, 245, 192
RGB Percent	57%, 96%, 75%
CMY	0.4314, 0.0392, 0.2471
CMYK	0.41, 0.00, 0.22, 0.04
HSL	148°, 83%, 76%
HSV	148°, 41%, 96%
XYZ	53.8439, 75.1303, 61.5329
YIQ	209.0580, -42.5870, -37.6830

Conversions

Conversions Part 2

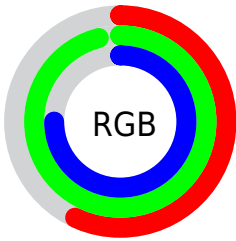
Format	Color
RYB	145, 213, 245
Decimal	9565632
CIELab	89.45, -40.83, 16.46
CIElCh	89, 44.021, 158.037
Yxy	75.1303, 0.2826, 0.3944
Android (android.graphics.Color)	4287755712 (0xFF91F5C0)
YUV	209.0580, -8.4096, -56.1789
Hunter-Lab	86.6777, -40.8025, 18.5842

Details

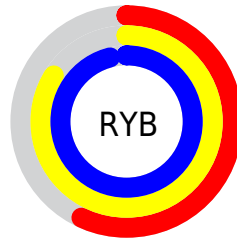
The XYZ color **53.8439, 75.1303, 61.5329** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **57.9772, 43.7423, 58.8164**, and the grayscale version is **60.7169, 63.8789, 69.5641**.

A 20% lighter version of the original color is **77.0604, 90.8539, 102.2820**, and **26.6905, 39.9253, 30.3444** is the 20% darker color. If you saturate the color by 10%, you get **48.6077, 72.5919, 54.1063**, and if you desaturate by 10%, it is **60.1420, 78.2055, 69.6751**.

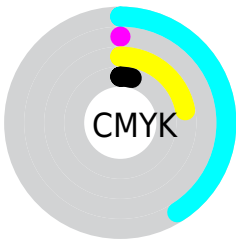
Distribution



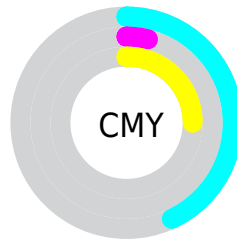
- Red (57%)
- Green (96%)
- Blue (75%)



- Red (57%)
- Yellow (84%)
- Blue (96%)



- Cyan (41%)
- Magenta (0%)
- Yellow (22%)
- Black (4%)





- Cyan (43%)
- Magenta (4%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.8439, 75.1303, 61.5329 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 53.8439, 75.1303, 61.5329 by changing the saturation by 10% instead.


 53.8439, 75.1303,
61.5329


 53.8439, 75.1303,
61.5329


391.7225,
478.3653, 448.1858

 38.7070, 55.7196,
44.2220


 95.0032, 126.4968,
108.6152

 26.7116, 39.9782,
30.5066


 121.7565,
159.2214, 139.2237

 17.4922, 27.5215,
19.9681


153.1125,
197.1528, 175.1018

 10.6835, 17.9653,
12.1880

189.4367,
240.6754, 216.6681

 5.9202, 10.9251,
6.7478

231.0945,
290.1735, 264.3411

 2.8368, 6.0165,
3.2288


278.4511,


 1.0681, 2.8551,


346.0316, 318.5394


1.2126


331.8720,
408.6341, 379.6814


 0.0000, 1.0566,
0.0000


 0.0000, 0.0000,
0.0000


 53.8439, 75.1303,
61.5329


 53.8439, 75.1303,
61.5329


 48.6077, 72.5919,
54.1063


 60.1420, 78.2055,
69.6751


 44.3636, 70.5487,
47.3703

 67.5542, 81.8379,
78.5471

 41.0427, 68.9676,
41.3055

 76.1361, 86.0580,
88.1688

 38.5641, 67.8071,
35.8896

 85.9381, 90.8913,
98.5580

■ 36.8314, 67.0181,
31.0986

■ 91.9438, 93.7875,
107.8646

■ 35.7569, 66.5488,
27.2252

Harmonies

Analogous

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



59.3728, 75.1303, 43.3622



53.8439, 75.1303, 61.5329



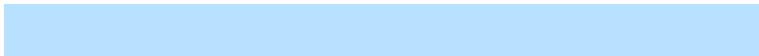
52.7726, 75.1303, 90.3964

Triad

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



53.8439, 75.1303, 61.5329



74.3494, 75.1303, 155.8719



89.0281, 75.1303, 50.3821

Complementary

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



53.8439, 75.1303, 61.5329



57.9772, 43.7423, 58.8164

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.



93.9857, 75.1303, 73.7743



53.8439, 75.1303, 61.5329



84.9712, 75.1303, 138.0947

Square

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



53.8439, 75.1303, 61.5329



63.9272, 75.1303, 150.2113



92.4308, 75.1303, 106.1000



79.4531, 75.1303, 38.1452

Rectangle

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



53.8439, 75.1303, 61.5329



54.6174, 75.1303, 113.0331



92.4308, 75.1303, 106.1000



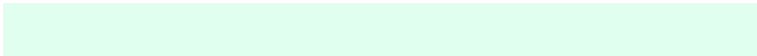
91.3316, 75.1303, 56.9324

Sweetspot

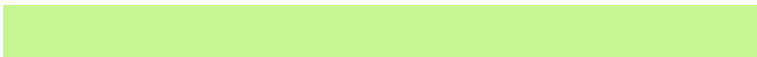
The Sweet Spot groups the original color and five complimentary colors.



53.8459, 75.1334, 61.5346



82.1723, 93.6504, 95.2377



61.1424, 79.4036, 38.8929



17.3134, 19.9098, 20.0822



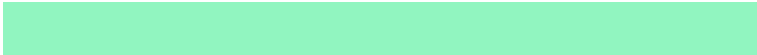
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



53.8459, 75.1334, 61.5346



54.1345, 79.9341, 60.5917



60.3089, 77.7186, 95.5682



16.6064, 18.6017, 19.2116



19.3308, 35.8772, 15.0279



1.7505, 3.1738, 1.5918

Inverse Universe

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



57.9772, 43.7423, 58.8164



59.2245, 41.2366, 57.2269



53.1555, 41.8136, 33.4258



16.8662, 16.6293, 19.0420



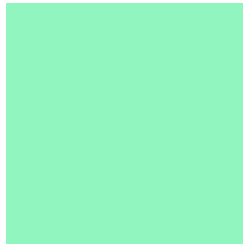
22.5222, 11.3523, 12.7240



2.0314, 1.0185, 1.3918

Previews

White Background



This preview shows how the XYZ color 53.8439, 75.1303, 61.5329 looks on a white background.

Color Contrast Check

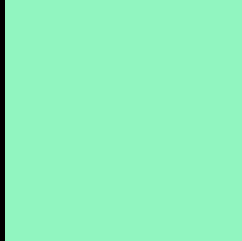
Large Text (above 18pt) WCAG AA × Fail

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 53.8439, 75.1303, 61.5329 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 53.8439, 75.1303, 61.5329

Background



This preview shows how black text looks on a background with the XYZ color 53.8439, 75.1303, 61.5329.

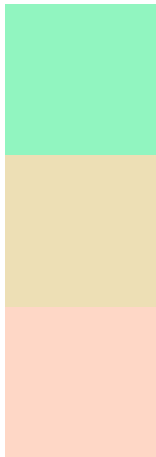


This preview shows how white text looks on a background with the XYZ color 53.8439, 75.1303,

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

53.8439, 75.1303, 61.5329

Protanopia

69.6532, 74.1161, 54.3508

Deuteranopia

75.3665, 73.7489, 63.6888



Tritanopia

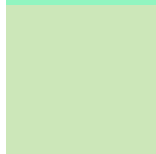
62.7434, 74.7880, 105.7363

Trichromacy



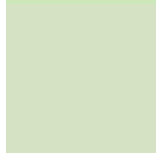
Original Color

53.8439, 75.1303, 61.5329



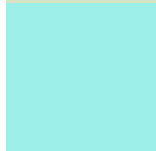
Protanomaly

62.2347, 73.4920, 56.8042



Deuteranomaly

64.8917, 72.6744, 62.8320



Tritanomaly

58.9496, 74.5278, 87.6223

Monochromacy



Original Color

53.8439, 75.1303, 61.5329



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

57.1505, 66.9935, 66.4188

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8439, 75.1303, 61.5329 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(145, 245, 192)` looks like.

```
.text, #text, p{  
    color:rgb(145, 245, 192)  
}
```

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(145, 245, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 245, 192) }
```

Border

The CSS property to change the border of an element to XYZ 53.8439, 75.1303, 61.5329 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(145, 245, 192) }
```


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

```
.border{ border-color:rgb(145, 245, 192) }
```

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

Here you see how a box with a 4 pixel rgb(145, 245, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 245, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 245, 192);  
box-shadow:4px 4px 4px 4px rgb(145, 245,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8439, 75.1303, 61.5329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 245, 192) }
```

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

```
.background{ background-color: rgb(145,  
245, 192) }
```

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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