

Converting Colors

XYZ(54.0319, 59.3040, 89.6328)

Have a look what the booklet for
XYZ(54.0319, 59.3040, 89.6328)
contains.

XYZ(53.8939, 59.1235, 89.4604)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.8939, 59.1235,
89.4604)**

Conversions

Conversions Part 1

Format	Color
Hex	A8CFEE
RGB	168, 207, 238
RGB Percent	66%, 81%, 93%
CMY	0.3412, 0.1882, 0.0667
CMYK	0.29, 0.13, 0.00, 0.07
HSL	207°, 67%, 80%
HSV	207°, 29%, 93%
XYZ	53.8939, 59.1235, 89.4604
YIQ	198.8730, -33.1950, 1.3730

Conversions

Conversions Part 2

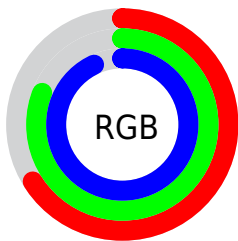
Format	Color
R _Y B	168, 193, 238
Decimal	11063278
CIE Lab	81.36, -5.81, -19.46
CIE LCh	81, 20.308, 253.381
Yxy	59.1235, 0.2662, 0.2920
Android (android.graphics.Color)	4289253358 (0xFFA8CFEE)
YUV	198.8730, 19.2896, -27.0756
Hunter-Lab	76.8918, -9.4490, -15.1572

Details

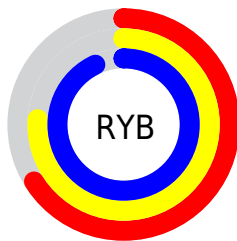
The XYZ color **53.8939, 59.1235, 89.4604** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **62.7521, 61.8519, 45.6786**, and the grayscale version is **54.1103, 56.9283, 61.9949**.

A 20% lighter version of the original color is **84.5505, 94.5873, 108.4086**, and **26.7742, 29.7373, 48.5847** is the 20% darker color. If you saturate the color by 10%, you get **46.8148, 51.8104, 88.4229**, and if you desaturate by 10%, it is **62.0745, 67.2603, 90.6008**.

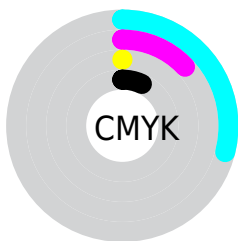
Distribution



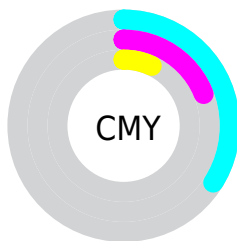
- Red (66%)
- Green (81%)
- Blue (93%)



- Red (66%)
- Yellow (76%)
- Blue (93%)



- Cyan (29%)
- Magenta (13%)
- Yellow (0%)
- Black (7%)



- Cyan (34%)
- Magenta (19%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.8939, 59.1235, 89.4604 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 53.8939, 59.1235, 89.4604 by changing the saturation by 10% instead.

■ 53.8939, 59.1235,
89.4604

■ 53.8939, 59.1235,
89.4604

■ 391.9102,
421.3594, 546.7987

■ 38.7472, 42.7125,
66.9620

■ 95.0762, 103.5571,
148.5176

■ 26.7429, 29.6596,
48.5923

■ 121.8426,
132.3486, 185.9135

■ 17.5158, 19.5804,
33.9329

■ 153.2128,
166.0357, 229.1123

■ 10.7005, 12.0904,
22.5651

■ 189.5524,
205.0028, 278.5325

■ 5.9316, 6.8053,
14.0704

■ 231.2265,
249.6344, 334.5927

■ 2.8438, 3.3406,
8.0304

■ 278.6006,

■ 1.0717, 1.3120,

300.3147, 397.7115

4.0263

332.0401,
357.4283, 468.3073

■ 0.0013, 0.1505,
1.6398

■ 0.0000, 0.0000,
0.3190

■ 53.8939, 59.1235,
89.4604

■ 53.8939, 59.1235,
89.4604

■ 46.8148, 51.8104,
88.4229

■ 62.0745, 67.2603,
90.6008

■ 40.7777, 45.2812,
87.4809

■ 71.4009, 76.2442,
91.8433

■ 35.7255, 39.5029,
86.6318

■ 81.9219, 86.1063,
93.1924

■ 31.5929, 34.4366,
85.8717

■ 90.5985, 95.2846,
94.5066

■ 28.3058, 30.0386,
85.1961

■ 92.4328, 98.9531,
95.1181

■ 25.7767, 26.2584,
84.5997

■ 23.8691, 23.0196,
84.0751

■ 23.7665, 22.8406,
84.0460

Harmonies

Analogous

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



50.4717, 59.1235, 81.7942



53.8939, 59.1235, 89.4604



58.1044, 59.1235, 89.8866

Triad

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



53.8939, 59.1235, 89.4604



64.5116, 59.1235, 59.1181



50.7757, 59.1235, 48.8431

Complementary

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



53.8939, 59.1235, 89.4604



62.7521, 61.8519, 45.6786

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.



54.3281, 59.1235, 44.2151



53.8939, 59.1235, 89.4604



62.3357, 59.1235, 49.6238

Square

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



53.8939, 59.1235, 89.4604



64.3809, 59.1235, 71.2919



58.5609, 59.1235, 44.4816



48.7344, 59.1235, 57.9214

Rectangle

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



53.8939, 59.1235, 89.4604



60.8045, 59.1235, 85.9234



58.5609, 59.1235, 44.4816



51.8248, 59.1235, 46.7695

Sweetspot

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



53.8957, 59.1258, 89.4618



83.9481, 89.5904, 107.4759



56.9559, 73.5678, 64.8275



17.6074, 18.8328, 22.9570



0.0000, 0.0000, 0.0000



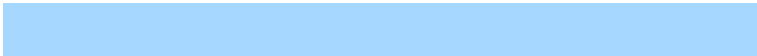
20.3446, 21.4041, 23.3091

Same Dimension

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



53.8957, 59.1258, 89.4618



58.1456, 64.1442, 103.9242



46.4623, 44.2590, 86.9840



15.6277, 16.6895, 20.1193



13.3903, 13.0049, 46.9323



1.2130, 1.2800, 3.9373

Inverse Universe

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



60.5265, 50.6891, 65.6278



67.1580, 53.3725, 71.3742



71.5623, 79.4722, 48.6154



16.1415, 15.9063, 18.3015



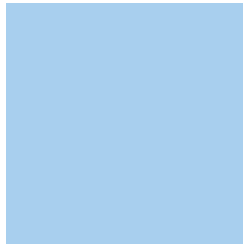
22.0844, 11.1062, 13.6272



1.8872, 0.9439, 1.3969

Previews

White Background



This preview shows how the XYZ color 53.8939, 59.1235, 89.4604 looks on a white background.

Color Contrast Check

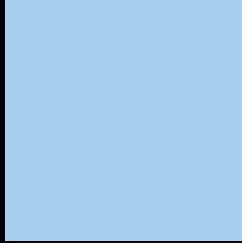
Large Text (above 18pt) WCAG AA × Fail

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 53.8939, 59.1235, 89.4604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

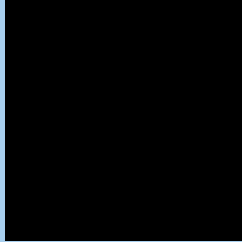
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

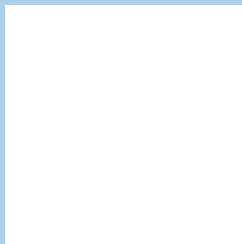
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.8939, 59.1235, 89.4604

Background



This preview shows how black text looks on a background with the XYZ color 53.8939, 59.1235, 89.4604.



This preview shows how white text looks on a background with the XYZ color 53.8939, 59.1235,

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

53.8939, 59.1235, 89.4604

Protanopia

58.1272, 58.9275, 85.4013

Deuteranopia

60.0515, 58.7803, 90.6188



Tritanopia

52.0450, 59.0912, 80.6142

Trichromacy



Original Color

53.8939, 59.1235, 89.4604

Protanomaly

56.6010, 59.1491, 87.0310

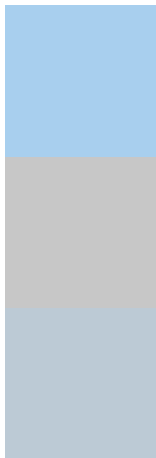
Deuteranomaly

57.7018, 58.9524, 89.9991

Tritanomaly

52.5647, 58.9319, 83.4675

Monochromacy



Original Color

53.8939, 59.1235, 89.4604

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.8698, 57.7365, 71.2558

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8939, 59.1235, 89.4604 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(168, 207, 238)` looks like.

```
.text, #text, p{  
    color:rgb(168, 207, 238)  
}
```

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(168, 207, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 207, 238) }
```

Border

The CSS property to change the border of an element to XYZ 53.8939, 59.1235, 89.4604 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(168, 207, 238) }
```


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

```
.border{ border-color:rgb(168, 207, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 207, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 207, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 207, 238);  
box-shadow:4px 4px 4px 4px rgb(168, 207,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8939, 59.1235, 89.4604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 207, 238) }
```

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

```
.background{ background-color: rgb(168,  
207, 238) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor