

Converting Colors

XYZ(54.7114, 59.3601, 93.7212)

Have a look what the booklet for
XYZ(54.7114, 59.3601, 93.7212)
contains.

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Color

**XYZ(54.6389, 59.4215,
93.3837)**

Conversions

Conversions Part 1

Format	Color
Hex	A8CFF3
RGB	168, 207, 243
RGB Percent	66%, 81%, 95%
CMY	0.3412, 0.1882, 0.0471
CMYK	0.31, 0.15, 0.00, 0.05
HSL	209°, 76%, 81%
HSV	209°, 31%, 95%
XYZ	54.6389, 59.4215, 93.3837
YIQ	199.4430, -34.8000, 2.9280

Conversions

Conversions Part 2

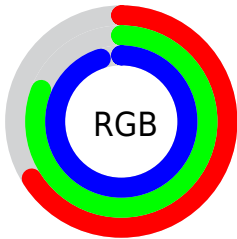
Format	Color
R _Y B	168, 194, 243
Decimal	11063283
CIE Lab	81.52, -4.61, -21.88
CIE LCh	82, 22.359, 258.091
Yxy	59.4215, 0.2634, 0.2864
Android (android.graphics.Color)	4289253363 (0xFFA8CFF3)
YUV	199.4430, 21.4736, -27.5755
Hunter-Lab	77.0853, -8.3767, -17.8661

Details

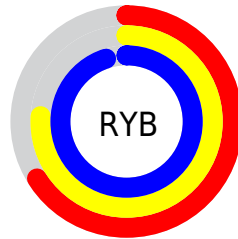
The XYZ color **54.6389, 59.4215, 93.3837** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **65.6238, 65.0683, 46.1481**, and the grayscale version is **54.4467, 57.2821, 62.3802**.

A 20% lighter version of the original color is **84.8613, 94.7476, 108.4232**, and **27.3003, 29.9477, 51.3553** is the 20% darker color. If you saturate the color by 10%, you get **47.2191, 51.5566, 92.2577**, and if you desaturate by 10%, it is **63.2378, 68.2069, 94.6273**.

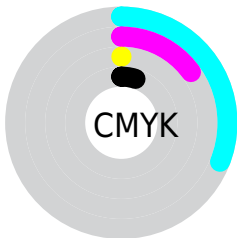
Distribution



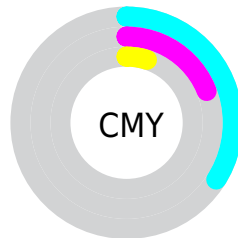
- Red (66%)
- Green (81%)
- Blue (95%)



- Red (66%)
- Yellow (76%)
- Blue (95%)



- Cyan (31%)
- Magenta (15%)
- Yellow (0%)
- Black (5%)



- Cyan (34%)
- Magenta (19%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.6389, 59.4215, 93.3837 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 54.6389, 59.4215, 93.3837 by changing the saturation by 10% instead.

■ 54.6389, 59.4215,
93.3837

■ 54.6389, 59.4215,
93.3837

394.7004,
422.4621, 559.8291

■ 39.3454, 42.9525,
70.2010

■ 96.1631, 103.9900,
154.0060

■ 27.2105, 29.8479,
51.2126

123.1245,
132.8584, 192.2828

■ 17.8687, 19.7231,
35.9999

154.7059,
166.6286, 236.4279

■ 10.9549, 12.1940,
24.1445

191.2726,
205.6851, 286.8601

■ 6.1036, 6.8759,
15.2276

233.1901,
250.4123, 343.9977

■ 2.9494, 3.3846,
8.8309

280.8237,

■ 1.1271, 1.3357,

301.1947, 408.2594

4.5357

334.5386,
358.4165, 480.0637

■ 0.0476, 0.1686,
1.9236

■ 0.0000, 0.0000,
0.5077

■ 54.6389, 59.4215,
93.3837

■ 54.6389, 59.4215,
93.3837

■ 47.2191, 51.5566,
92.2577

■ 63.2378, 68.2069,
94.6273

■ 40.9145, 44.5685,
91.2412

■ 73.0644, 77.9402,
95.9881

■ 35.6629, 38.4196,
90.3311

■ 84.1711, 88.6559,
97.4710

■ 31.3935, 33.0663,
89.5228

■ 92.7512, 98.3979,
98.8992

■ 28.0252, 28.4594,
88.8111

■ 93.1778, 99.2511,
99.0414

■ 25.4621, 24.5418,
88.1900

■ 23.6856, 21.4866,
87.6940

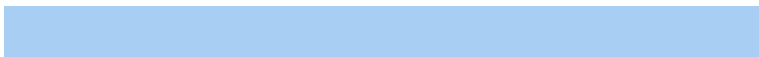
Harmonies

Analogous

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



50.6699, 59.4215, 85.8720



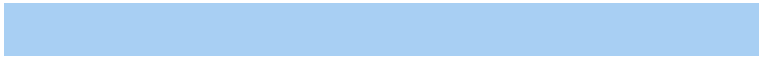
54.6389, 59.4215, 93.3837



59.3234, 59.4215, 92.4667

Triad

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



54.6389, 59.4215, 93.3837



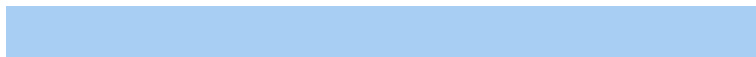
65.4856, 59.4215, 57.0114



50.0333, 59.4215, 48.9456

Complementary

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



54.6389, 59.4215, 93.3837



65.6238, 65.0683, 46.1481

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.



53.7258, 59.4215, 43.1357



54.6389, 59.4215, 93.3837



62.7146, 59.4215, 47.3296

Square

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



54.6389, 59.4215, 93.3837



65.7637, 59.4215, 70.1737



58.3586, 59.4215, 42.5883



48.1110, 59.4215, 59.5184

Rectangle

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



54.6389, 59.4215, 93.3837



62.2226, 59.4215, 87.2140



58.3586, 59.4215, 42.5883



51.0990, 59.4215, 46.4378

Sweetspot

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



54.6408, 59.4238, 93.3851



83.6910, 89.0762, 107.3902



58.9799, 76.7390, 68.2049



17.5440, 18.7062, 22.9359



0.0000, 0.0000, 0.0000



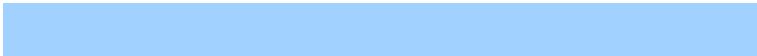
20.3446, 21.4041, 23.3091

Same Dimension

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



54.6408, 59.4238, 93.3851



55.6535, 60.7128, 103.3932



46.7963, 43.7349, 90.7702



16.2941, 17.3525, 21.0331



13.1353, 12.0644, 48.1744



1.2574, 1.2662, 4.2684

Inverse Universe

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



62.2288, 51.5666, 65.7075



65.5210, 51.2665, 67.2282



75.3386, 84.4979, 49.3864



16.8590, 16.6265, 19.0042



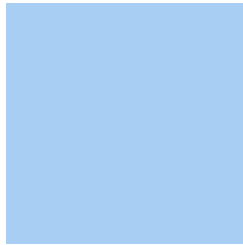
22.4346, 11.3173, 12.2629



2.0237, 1.0155, 1.3513

Previews

White Background



This preview shows how the XYZ color 54.6389, 59.4215, 93.3837 looks on a white background.

Color Contrast Check

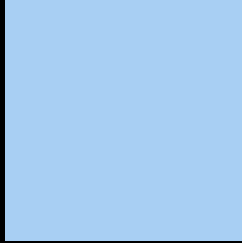
Large Text (above 18pt) WCAG AA × Fail

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 54.6389, 59.4215, 93.3837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

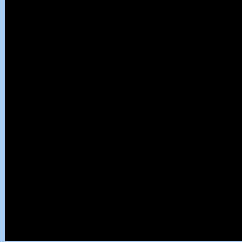
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

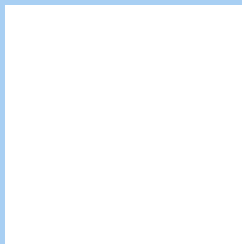
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.6389, 59.4215, 93.3837

Background



This preview shows how black text looks on a background with the XYZ color 54.6389, 59.4215, 93.3837.



This preview shows how white text looks on a background with the XYZ color 54.6389, 59.4215,

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

54.6389, 59.4215, 93.3837

Protanopia

58.3350, 58.9509, 89.1930

Deuteranopia

60.4949, 59.2601, 94.6361



Tritanopia

52.2216, 59.5318, 81.4115

Trichromacy



Original Color

54.6389, 59.4215, 93.3837

Protanomaly

57.0917, 59.3174, 90.8784

Deuteranomaly

57.9548, 58.9963, 93.9208

Tritanomaly

53.0255, 59.4835, 85.7775

Monochromacy



Original Color

54.6389, 59.4215, 93.3837

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.1253, 57.8387, 72.6013

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6389, 59.4215, 93.3837 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, 243)` looks like.

```
.text, #text, p{  
    color:rgb(168, 207, 243)  
}
```

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, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 207, 243) }
```

Border

The CSS property to change the border of an element to XYZ 54.6389, 59.4215, 93.3837 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, 243) }
```


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

```
.border{ border-color:rgb(168, 207, 243) }
```

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, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 207, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 207, 243);  
box-shadow:4px 4px 4px 4px rgb(168, 207,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6389, 59.4215, 93.3837 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, 243) }
```

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

```
.background{ background-color: rgb(168,  
207, 243) }
```

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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