

Converting Colors

XYZ(54.1461, 59.1535, 90.9877)

Have a look what the booklet for
XYZ(54.1461, 59.1535, 90.9877)
contains.

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Color

**XYZ(54.1894, 59.2417,
91.0168)**

Conversions

Conversions Part 1

Format	Color
Hex	A8CFF0
RGB	168, 207, 240
RGB Percent	66%, 81%, 94%
CMY	0.3412, 0.1882, 0.0588
CMYK	0.30, 0.14, 0.00, 0.06
HSL	207°, 71%, 80%
HSV	207°, 30%, 94%
XYZ	54.1894, 59.2417, 91.0168
YIQ	199.1010, -33.8370, 1.9950

Conversions

Conversions Part 2

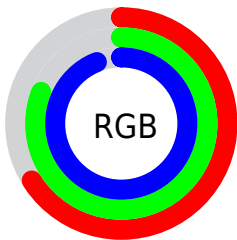
Format	Color
R _Y B	168, 193, 240
Decimal	11063280
CIE Lab	81.42, -5.33, -20.43
CIE LCh	81, 21.113, 255.369
Yxy	59.2417, 0.2651, 0.2898
Android (android.graphics.Color)	4289253360 (0xFFA8CFF0)
YUV	199.1010, 20.1632, -27.2756
Hunter-Lab	76.9686, -9.0230, -16.2335

Details

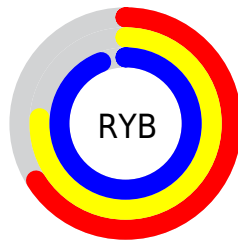
The XYZ color **54.1894, 59.2417, 91.0168** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **63.8906, 63.1263, 45.8645**, and the grayscale version is **54.2447, 57.0696, 62.1488**.

A 20% lighter version of the original color is **84.5505, 94.5873, 108.4086**, and **26.9824, 29.8206, 49.6812** is the 20% darker color. If you saturate the color by 10%, you get **46.9714, 51.7027, 89.9431**, and if you desaturate by 10%, it is **62.5397, 67.6428, 92.1993**.

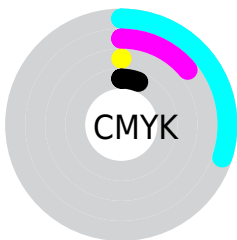
Distribution



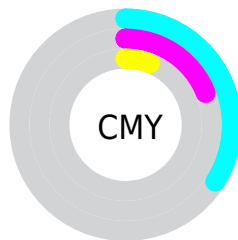
- Red (66%)
- Green (81%)
- Blue (94%)



- Red (66%)
- Yellow (76%)
- Blue (94%)



- Cyan (30%)
- Magenta (14%)
- Yellow (0%)
- Black (6%)



- Cyan (34%)
- Magenta (19%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.1894, 59.2417, 91.0168 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 54.1894, 59.2417, 91.0168 by changing the saturation by 10% instead.

■ 54.1894, 59.2417,
91.0168

■ 54.1894, 59.2417,
91.0168

393.0184,
421.7970, 551.9882

■ 38.9844, 42.8077,
68.2458

■ 95.5075, 103.7289,
150.6978

■ 26.9282, 29.7343,
49.6298

122.3514,
132.5508, 188.4449

■ 17.6556, 19.6370,
34.7502

153.8055,
166.2709, 232.0212

■ 10.8012, 12.1314,
23.1885

190.2353,
205.2735, 281.8451

■ 5.9996, 6.8333,
14.5262

232.0062,
249.9431, 338.3352

■ 2.8855, 3.3580,
8.3446

279.4834,

■ 1.0935, 1.3214,

300.6639, 401.9100

4.2253

333.0324,
357.8204, 472.9882

■ 0.0197, 0.1577,
1.7498

■ 0.0000, 0.0000,
0.3945

■ 54.1894, 59.2417,
91.0168

■ 54.1894, 59.2417,
91.0168

■ 46.9714, 51.7027,
89.9431

■ 62.5397, 67.6428,
92.1993

■ 40.8245, 44.9846,
88.9703

■ 72.0684, 76.9310,
93.4899

■ 35.6896, 39.0525,
88.0959

■ 82.8255, 87.1388,
94.8932

■ 31.4993, 33.8657,
87.3156

■ 91.4661, 96.5468,
96.2537

■ 28.1767, 29.3784,
86.6246

■ 92.7284, 99.0713,
96.6745

■ 25.6310, 25.5374,
86.0174

■ 23.7120, 22.2586,
85.4857

■ 23.7119, 22.2583,
85.4856

Harmonies

Analogous

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



50.5492, 59.2417, 83.4082



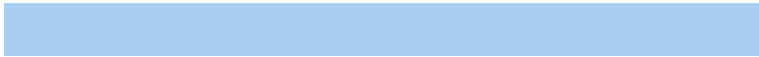
54.1894, 59.2417, 91.0168



58.5886, 59.2417, 90.9147

Triad

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



54.1894, 59.2417, 91.0168



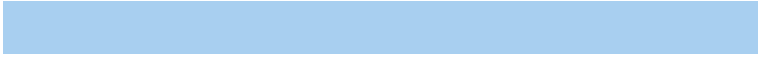
64.9001, 59.2417, 58.2699



50.4771, 59.2417, 48.8809

Complementary

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



54.1894, 59.2417, 91.0168



63.8906, 63.1263, 45.8645

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.



54.0863, 59.2417, 43.7785



54.1894, 59.2417, 91.0168



62.4872, 59.2417, 48.6967

Square

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



54.1894, 59.2417, 91.0168



64.9312, 59.2417, 70.8449



58.4800, 59.2417, 43.7159



48.4832, 59.2417, 58.5535

Rectangle

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



54.1894, 59.2417, 91.0168



61.3680, 59.2417, 86.4404



58.4800, 59.2417, 43.7159



51.5330, 59.2417, 46.6336

Sweetspot

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



54.1912, 59.2440, 91.0182



83.8408, 89.3759, 107.4401



57.7820, 74.8351, 66.2896



17.5809, 18.7800, 22.9482



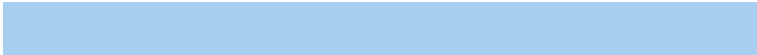
0.0000, 0.0000, 0.0000



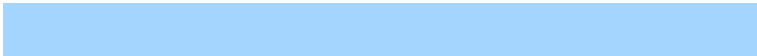
20.3446, 21.4041, 23.3091

Same Dimension

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



54.1912, 59.2440, 91.0182



56.9712, 62.5796, 103.6841



46.5546, 43.9707, 88.4726



15.6067, 16.6475, 20.1123



13.1149, 12.4540, 46.8405



1.1904, 1.2349, 3.9298

Inverse Universe

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



61.2018, 51.0371, 65.6594



66.3737, 52.3259, 69.5040



73.1150, 81.5751, 48.9393



16.1309, 15.9021, 18.2456



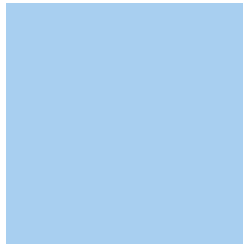
21.9454, 11.0506, 12.8949



1.8758, 0.9394, 1.3369

Previews

White Background



This preview shows how the XYZ color 54.1894, 59.2417, 91.0168 looks on a white background.

Color Contrast Check

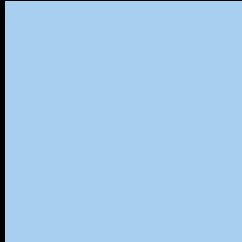
Large Text (above 18pt) WCAG AA × Fail

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 54.1894, 59.2417, 91.0168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

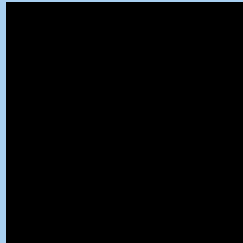
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

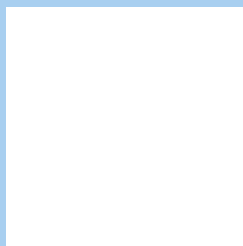
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.1894, 59.2417, 91.0168

Background



This preview shows how black text looks on a background with the XYZ color 54.1894, 59.2417, 91.0168.



This preview shows how white text looks on a background with the XYZ color 54.1894, 59.2417,

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

54.1894, 59.2417, 91.0168

Protanopia

58.1553, 58.9088, 86.9027

Deuteranopia

60.3504, 58.8999, 92.1924



Tritanopia

52.0450, 59.0912, 80.6142

Trichromacy



Original Color

54.1894, 59.2417, 91.0168

Protanomaly

56.6496, 59.1406, 88.5503

Deuteranomaly

57.9990, 59.0713, 91.5641

Tritanomaly

52.7056, 58.9883, 84.2093

Monochromacy



Original Color

54.1894, 59.2417, 91.0168

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.9972, 57.7875, 71.9265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1894, 59.2417, 91.0168 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, 240)` looks like.

```
.text, #text, p{  
    color:rgb(168, 207, 240)  
}
```

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, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 207, 240) }
```

Border

The CSS property to change the border of an element to XYZ 54.1894, 59.2417, 91.0168 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, 240) }
```


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

```
.border{ border-color:rgb(168, 207, 240) }
```

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, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 207, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 207, 240);  
box-shadow:4px 4px 4px 4px rgb(168, 207,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1894, 59.2417, 91.0168 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, 240) }
```

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

```
.background{ background-color: rgb(168,  
207, 240) }
```

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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