

Converting Colors

XYZ(54.4805, 58.8135, 94.2289)

Have a look what the booklet for
XYZ(54.4805, 58.8135, 94.2289)
contains.

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Color

**XYZ(54.5489, 58.9991,
94.1009)**

Conversions

Conversions Part 1

Format	Color
Hex	A8CEF4
RGB	168, 206, 244
RGB Percent	66%, 81%, 96%
CMY	0.3412, 0.1921, 0.0431
CMYK	0.31, 0.16, 0.00, 0.04
HSL	210°, 78%, 81%
HSV	210°, 31%, 96%
XYZ	54.5489, 58.9991, 94.1009
YIQ	198.9700, -34.8460, 3.7620

Conversions

Conversions Part 2

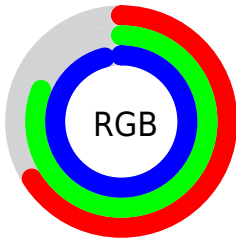
Format	Color
R _Y B	168, 193, 244
Decimal	11063028
CIE _{Lab}	81.29, -3.84, -22.76
CIE _{LCh}	81, 23.085, 260.415
Y _{xy}	58.9991, 0.2627, 0.2841
Android (android.graphics.Color)	4289253108 (0xFFA8CEF4)
YUV	198.9700, 22.1998, -27.1607
Hunter-Lab	76.8109, -7.6534, -18.8685

Details

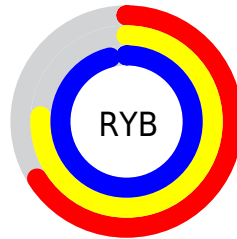
The XYZ color **54.5489, 58.9991, 94.1009** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.4484, 66.2037, 46.3239**, and the grayscale version is **54.1531, 56.9733, 62.0439**.

A 20% lighter version of the original color is **84.8613, 94.7476, 108.4232**, and **27.2448, 29.6647, 51.8669** is the 20% darker color. If you saturate the color by 10%, you get **47.0100, 50.9219, 92.9402**, and if you desaturate by 10%, it is **63.2941, 68.0394, 95.3859**.

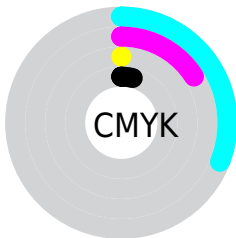
Distribution



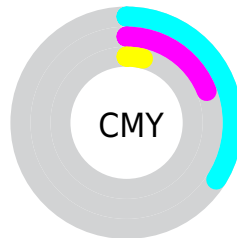
- Red (66%)
- Green (81%)
- Blue (96%)



- Red (66%)
- Yellow (76%)
- Blue (96%)



- Cyan (31%)
- Magenta (16%)
- Yellow (0%)
- Black (4%)



- Cyan (34%)
- Magenta (19%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5489, 58.9991, 94.1009 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 54.5489, 58.9991, 94.1009 by changing the saturation by 10% instead.

■ 54.5489, 58.9991,
94.1009

■ 54.5489, 58.9991,
94.1009

394.3640,
420.8986, 562.1932

■ 39.2731, 42.6124,
70.7941

■ 96.0319, 103.3764,
155.0068

■ 27.1539, 29.5811,
51.6934

122.9698,
132.1357, 193.4429

■ 17.8260, 19.5209,
36.3802

154.5257,
165.7880, 237.7593

■ 10.9241, 12.0472,
24.4360

191.0651,
204.7178, 288.3744

■ 6.0827, 6.7759,
15.4421

232.9533,
249.3093, 345.7068

■ 2.9366, 3.3223,
8.9802

280.5556,

■ 1.1203, 1.3022,

299.9470, 410.1751

4.6316

334.2373,
357.0153, 482.1977

■ 0.0420, 0.1429,
1.9779

■ 0.0000, 0.0000,
0.5416

■ 54.5489, 58.9991,
94.1009

■ 54.5489, 58.9991,
94.1009

■ 47.0100, 50.9219,
92.9402

■ 63.2941, 68.0394,
95.3859

■ 40.6121, 43.7623,
91.8955

■ 73.2954, 78.0716,
96.7952

■ 35.2917, 37.4810,
90.9635

■ 84.6064, 89.1320,
98.3339

■ 30.9761, 32.0324,
90.1392

■ 93.2663, 99.1856,
99.8181

■ 27.5825, 27.3653,
89.4173

■ 93.3293, 99.3117,
99.8391

■ 25.0126, 23.4199,
88.7912

■ 23.2895, 20.4521,
88.3091

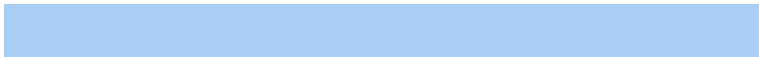
Harmonies

Analogous

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



50.3803, 58.9991, 86.9243



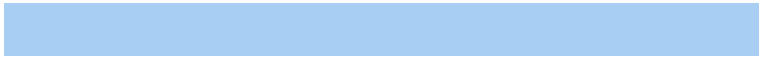
54.5489, 58.9991, 94.1009



59.3695, 58.9991, 92.4399

Triad

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



54.5489, 58.9991, 94.1009



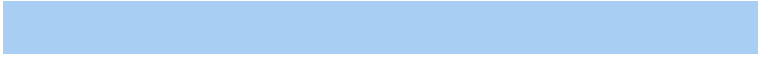
65.2114, 58.9991, 55.4258



49.2384, 58.9991, 48.7782

Complementary

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



54.5489, 58.9991, 94.1009



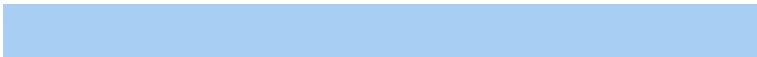
66.4484, 66.2037, 46.3239

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.



52.9083, 58.9991, 42.4518



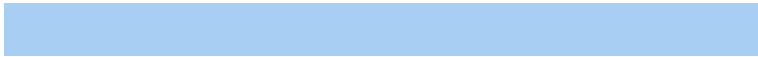
54.5489, 58.9991, 94.1009



62.1875, 58.9991, 45.8914

Square

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



54.5489, 58.9991, 94.1009



65.7129, 58.9991, 68.7583



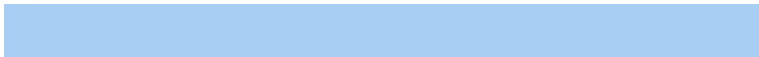
57.6331, 58.9991, 41.4765



47.4321, 58.9991, 59.9241

Rectangle

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



54.5489, 58.9991, 94.1009



62.2975, 58.9991, 86.6228



57.6331, 58.9991, 41.4765



50.2847, 58.9991, 46.0888

Sweetspot

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



54.5508, 59.0014, 94.1023



83.5530, 88.8003, 107.3442



59.4878, 77.4224, 69.3992



17.5101, 18.6383, 22.9246



0.0000, 0.0000, 0.0000



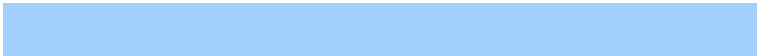
20.3446, 21.4041, 23.3091

Same Dimension

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



54.5508, 59.0014, 94.1023



55.1912, 59.7881, 103.2391



46.7168, 43.3335, 91.4909



16.2658, 17.2958, 21.0237



12.8001, 11.3941, 48.0627



1.2278, 1.2069, 4.2585

Inverse Universe

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



62.4530, 51.6963, 65.0817



65.2877, 51.1731, 65.9992



76.3481, 86.0031, 49.6238



16.8447, 16.6207, 18.9289



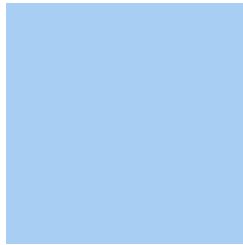
22.2654, 11.2496, 11.3721



2.0088, 1.0095, 1.2726

Previews

White Background



This preview shows how the XYZ color 54.5489, 58.9991, 94.1009 looks on a white background.

Color Contrast Check

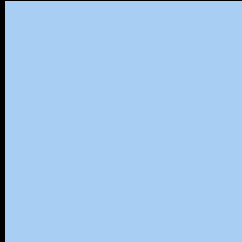
Large Text (above 18pt) WCAG AA × Fail

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 54.5489, 58.9991, 94.1009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

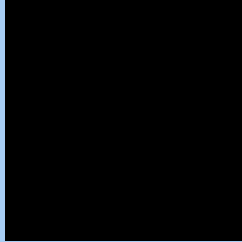
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

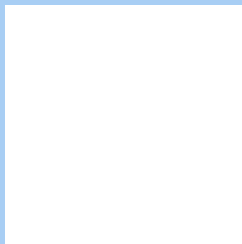
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.5489, 58.9991, 94.1009

Background



This preview shows how black text looks on a background with the XYZ color 54.5489, 58.9991, 94.1009.



This preview shows how white text looks on a background with the XYZ color 54.5489, 58.9991,

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

54.5489, 58.9991, 94.1009

Protanopia

58.3748, 58.9373, 90.7374

Deuteranopia

60.1540, 58.7284, 95.3540



Tritanopia

51.8378, 58.9844, 80.6045

Trichromacy



Original Color

54.5489, 58.9991, 94.1009

Protanomaly

56.7649, 58.7823, 91.5734

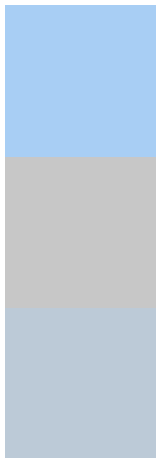
Deuteranomaly

57.8747, 58.5925, 94.6454

Tritanomaly

52.7809, 58.9943, 85.6960

Monochromacy



Original Color

54.5489, 58.9991, 94.1009

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 54.5489, 58.9991, 94.1009 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, 206, 244)` looks like.

```
.text, #text, p{  
    color:rgb(168, 206, 244)  
}
```

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, 206, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 206, 244) }
```

Border

The CSS property to change the border of an element to XYZ 54.5489, 58.9991, 94.1009 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, 206, 244) }
```


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

```
.border{ border-color:rgb(168, 206, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 206, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 206, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 206, 244);  
box-shadow:4px 4px 4px 4px rgb(168, 206,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5489, 58.9991, 94.1009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 206, 244) }
```

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

```
.background{ background-color: rgb(168,  
206, 244) }
```

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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