

Converting Colors

XYZ(54.6952, 61.3028,
103.5576)

Have a look what the booklet for
XYZ(54.6952, 61.3028, 103.5576)
contains.

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Color

**XYZ(54.7931, 61.4839,
103.5874)**

Conversions

Conversions Part 1

Format	Color
Hex	98D5FF
RGB	152, 213, 255
RGB Percent	60%, 84%, 100%
CMY	0.4039, 0.1647, 0.0000
CMYK	0.40, 0.16, 0.00, 0.00
HSL	204°, 100%, 80%
HSV	204°, 40%, 100%
XYZ	54.7931, 61.4839, 103.5874
YIQ	199.5490, -49.8380, 0.1300

Conversions

Conversions Part 2

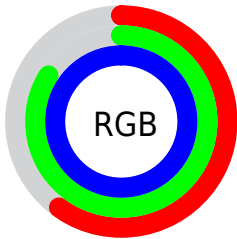
Format	Color
R_{YB}	152, 190, 255
Decimal	10016255
CIE _{Lab}	82.64, -9.03, -26.64
CIE _{LCh}	83, 28.127, 251.271
Yxy	61.4839, 0.2492, 0.2796
Android (android.graphics.Color)	4288206335 (0xFF98D5FF)
YUV	199.5490, 27.3373, -41.7005
Hunter-Lab	78.4117, -12.4868, -23.4381

Details

The XYZ color **54.7931, 61.4839, 103.5874** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.1997, 62.1109, 38.2071**, and the grayscale version is **54.4835, 57.3208, 62.4224**.

A 20% lighter version of the original color is **80.1045, 92.2953, 108.2006**, and **27.2438, 31.0177, 57.9772** is the 20% darker color. If you saturate the color by 10%, you get **47.9918, 54.2201, 102.5438**, and if you desaturate by 10%, it is **62.7916, 69.6165, 104.7356**.

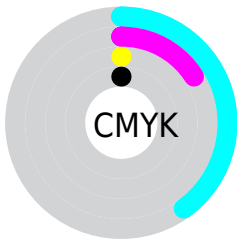
Distribution



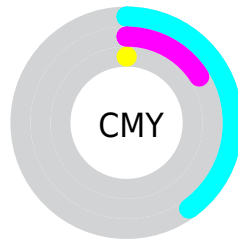
- Red (60%)
- Green (84%)
- Blue (100%)



- Red (60%)
- Yellow (75%)
- Blue (100%)



- Cyan (40%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.7931, 61.4839, 103.5874 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 54.7931, 61.4839, 103.5874 by changing the saturation by 10% instead.

■ 54.7931, 61.4839,
103.5874

■ 54.7931, 61.4839,
103.5874

395.2763,
430.0460, 592.9786

■ 39.4693, 44.6158,
78.6664

■ 96.3878, 106.9793,
168.1731

■ 27.3074, 31.1549,
58.1018

■ 123.3895,
136.3753, 208.6749

■ 17.9420, 20.7168,
41.4753

155.0144,
170.7162, 255.2074

■ 11.0078, 12.9172,
28.3682

191.6280,
210.3862, 308.1891

■ 6.1394, 7.3715,
18.3619

233.5957,
255.7698, 368.0385

■ 2.9715, 3.6955,
11.0380

281.2827,

■ 1.1387, 1.5047,

307.2514, 435.1742

5.9779

335.0545,
365.2153, 510.0147

■ 0.0571, 0.2921,
2.7631

■ 0.0000, 0.0000,
0.9750

■ 54.7931, 61.4839,
103.5874

■ 54.7931, 61.4839,
103.5874

■ 47.9918, 54.2201,
102.5438

■ 62.7916, 69.6165,
104.7356

■ 42.3128, 47.7779,
101.5997

■ 72.0453, 78.6483,
105.9912

■ 37.6805, 42.1148,
100.7507

■ 82.6149, 88.6162,
107.3581

■ 34.0067, 37.1805,
99.9919

94.5552, 99.5528,
108.8398

■ 31.1864, 32.9157, 95.0500, 100.0000,
99.3174 108.9000

■ 29.1205, 29.3611,
98.7402

Harmonies

Analogous

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



50.1477, 61.4839, 91.3329



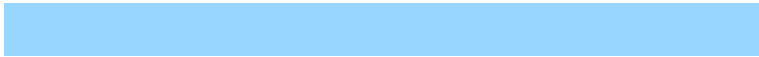
54.7931, 61.4839, 103.5874



60.7349, 61.4839, 105.0905

Triad

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



54.7931, 61.4839, 103.5874



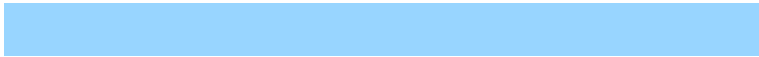
70.5670, 61.4839, 60.6609



51.1172, 61.4839, 44.9551

Complementary

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



54.7931, 61.4839, 103.5874



66.1997, 62.1109, 38.2071

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.



56.2009, 61.4839, 39.3680



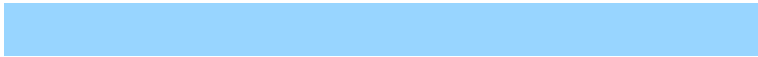
54.7931, 61.4839, 103.5874



67.5964, 61.4839, 47.3387

Square

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



54.7931, 61.4839, 103.5874



70.1252, 61.4839, 78.1873



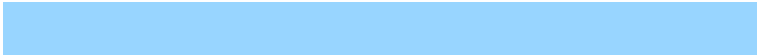
62.2423, 61.4839, 40.1581



48.1284, 61.4839, 56.8365

Rectangle

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



54.7931, 61.4839, 103.5874



64.6682, 61.4839, 99.5386



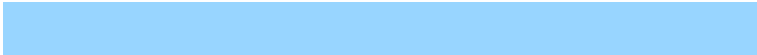
62.2423, 61.4839, 40.1581



52.6225, 61.4839, 42.3792

Sweetspot

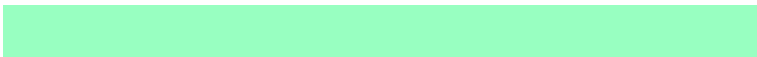
The Sweet Spot groups the original color and five complimentary colors.



54.7949, 61.4862, 103.5878



80.8226, 86.9473, 107.1304



58.3579, 82.0551, 63.3331



16.9936, 18.3243, 22.8912



0.0000, 0.0000, 0.0000



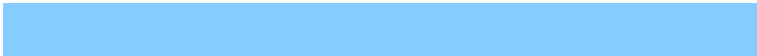
20.3446, 21.4041, 23.3091

Same Dimension

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



54.7949, 61.4862, 103.5878



49.5131, 55.8806, 102.7842



43.9736, 39.8436, 99.9807



17.8974, 19.1664, 23.0061



15.3666, 15.6428, 51.6440



1.6037, 1.7380, 5.0642

Inverse Universe

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



64.4796, 48.5221, 68.9205



60.6034, 42.3379, 62.7935



79.4697, 88.6508, 42.6304



18.4609, 18.1677, 21.0441



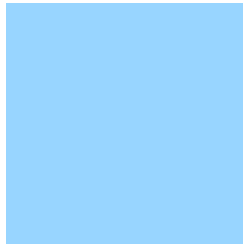
24.5446, 12.3071, 16.7840



2.4441, 1.2200, 1.9198

Previews

White Background



This preview shows how the XYZ color 54.7931, 61.4839, 103.5874 looks on a white background.

Color Contrast Check

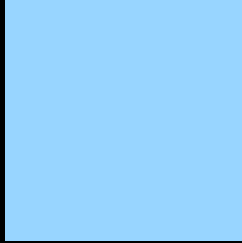
Large Text (above 18pt) WCAG AA × Fail

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 54.7931, 61.4839, 103.5874 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

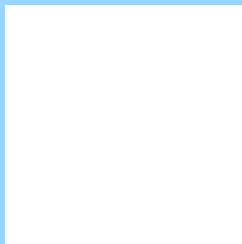
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.7931, 61.4839, 103.5874

Background



This preview shows how black text looks on a background with the XYZ color 54.7931, 61.4839, 103.5874.

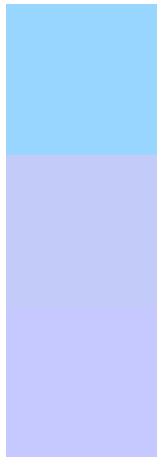


This preview shows how white text looks on a background with the XYZ color 54.7931, 61.4839,

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

54.7931, 61.4839, 103.5874

Protanopia

60.8049, 61.0913, 97.3940

Deuteranopia

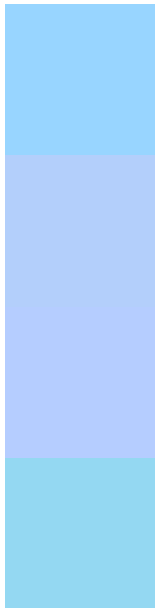
62.2253, 60.9991, 103.1021



Tritanopia

51.5182, 61.6772, 87.0315

Trichromacy



Original Color

54.7931, 61.4839, 103.5874

Protanomaly

58.3158, 61.1744, 100.0011

Deuteranomaly

58.9374, 60.7064, 103.2189

Tritanomaly

52.7956, 61.8184, 93.1539

Monochromacy



Original Color

54.7931, 61.4839, 103.5874

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.2780, 58.8972, 76.2177

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7931, 61.4839, 103.5874 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(152, 213, 255)` looks like.

```
.text, #text, p{  
    color:rgb(152, 213, 255)  
}
```

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(152, 213, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 213, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.7931, 61.4839, 103.5874 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(152, 213, 255) }
```


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

```
.border{ border-color:rgb(152, 213, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 213, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 213, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 213, 255);  
box-shadow:4px 4px 4px 4px rgb(152, 213,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7931, 61.4839, 103.5874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 213, 255) }
```

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

```
.background{ background-color: rgb(152,  
213, 255) }
```

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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