

Converting Colors

XYZ(54.4865, 60.4534,
103.4047)

Have a look what the booklet for
XYZ(54.4865, 60.4534, 103.4047)
contains.

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Color

**XYZ(54.4811, 60.5808,
103.4296)**

Conversions

Conversions Part 1

Format	Color
Hex	99D3FF
RGB	153, 211, 255
RGB Percent	60%, 83%, 100%
CMY	0.4000, 0.1725, 0.0000
CMYK	0.40, 0.17, 0.00, 0.00
HSL	206°, 100%, 80%
HSV	206°, 40%, 100%
XYZ	54.4811, 60.5808, 103.4296
YIQ	198.6740, -48.6920, 1.3880

Conversions

Conversions Part 2

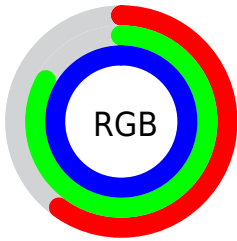
Format	Color
R _Y B	153, 190, 255
Decimal	10081279
CIE Lab	82.15, -7.73, -27.37
CIE LCh	82, 28.445, 254.230
Yxy	60.5808, 0.2494, 0.2773
Android (android.graphics.Color)	4288271359 (0xFF99D3FF)
YUV	198.6740, 27.7687, -40.0561
Hunter-Lab	77.8337, -11.2646, -24.3042

Details

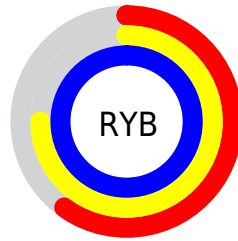
The XYZ color **54.4811, 60.5808, 103.4296** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.9565, 63.4929, 38.8652**, and the grayscale version is **53.9456, 56.7550, 61.8062**.

A 20% lighter version of the original color is **80.3883, 92.4416, 108.2138**, and **27.1798, 30.7325, 57.9255** is the 20% darker color. If you saturate the color by 10%, you get **47.5329, 53.0813, 102.3482**, and if you desaturate by 10%, it is **62.6481, 68.9890, 104.6220**.

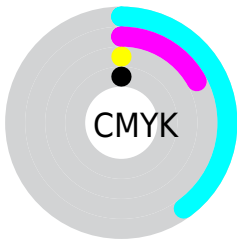
Distribution



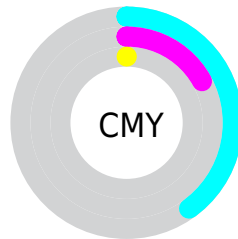
- Red (60%)
- Green (83%)
- Blue (100%)



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



- Cyan (40%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4811, 60.5808, 103.4296 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 54.4811, 60.5808, 103.4296 by changing the saturation by 10% instead.

■ 54.4811, 60.5808,
103.4296

■ 54.4811, 60.5808,
103.4296

394.1104,
426.7353, 592.4735

■ 39.2186, 43.8869,
78.5350

■ 95.9330, 105.6717,
167.9551

■ 27.1113, 30.5816,
57.9945

■ 122.8532,
134.8376, 208.4232

■ 17.7939, 20.2805,
41.3896

154.3900,
168.9296, 254.9195

■ 10.9009, 12.5991,
28.3016

190.9087,
208.3321, 307.8626

■ 6.0670, 7.1531,
18.3121

232.7748,
253.4295, 367.6710

■ 2.9269, 3.5580,
11.0026

280.3535,

■ 1.1152, 1.4295,

304.6063, 434.7633

5.9544

334.0103,
362.2467, 509.5579

■ 0.0378, 0.2383,
2.7490

■ 0.0000, 0.0000,
0.9680

■ 54.4811, 60.5808,
103.4296

■ 54.4811, 60.5808,
103.4296

■ 47.5329, 53.0813,
102.3482

■ 62.6481, 68.9890,
104.6220

■ 41.7285, 46.4421,
101.3726

■ 72.0927, 78.3373,
105.9287

■ 36.9921, 40.6200,
100.4985

■ 82.8756, 88.6638,
107.3536

■ 33.2351, 35.5633,
99.7205

95.0500, 100.0000,
108.9000

■ 30.3529, 31.2120,
99.0325

■ 28.1764, 27.4727,
98.4255

■ 28.1761, 27.4721,
98.4254

Harmonies

Analogous

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



49.6526, 60.5808, 91.9906



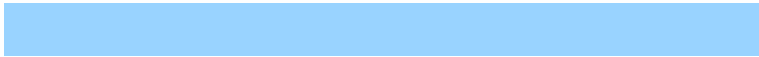
54.4811, 60.5808, 103.4296



60.4826, 60.5808, 103.7422

Triad

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



54.4811, 60.5808, 103.4296



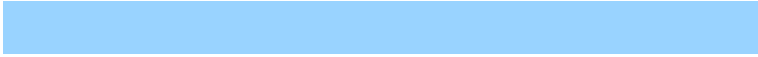
69.5877, 60.5808, 58.1190



49.8529, 60.5808, 44.8837

Complementary

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



54.4811, 60.5808, 103.4296



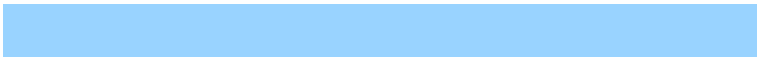
66.9565, 63.4929, 38.8652

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.



54.7722, 60.5808, 38.6884



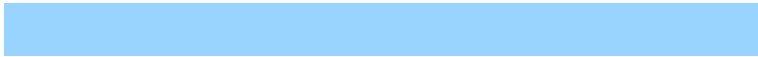
54.4811, 60.5808, 103.4296



66.3097, 60.5808, 45.3745

Square

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



54.4811, 60.5808, 103.4296



69.4961, 60.5808, 75.4213



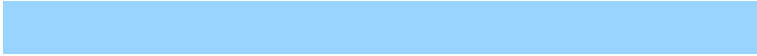
60.7947, 60.5808, 38.8508



47.1108, 60.5808, 57.3290

Rectangle

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



54.4811, 60.5808, 103.4296



64.3636, 60.5808, 97.4618



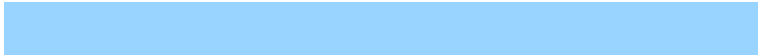
60.7947, 60.5808, 38.8508



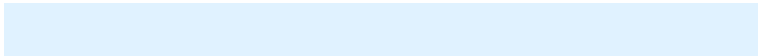
51.2910, 60.5808, 42.1063

Sweetspot

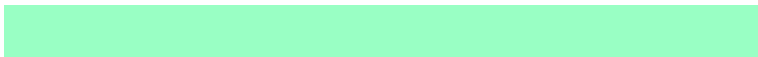
The Sweet Spot groups the original color and five complimentary colors.



54.4828, 60.5830, 103.4299



80.6074, 86.5169, 107.0587



58.8049, 82.2556, 64.7057



16.9429, 18.2229, 22.8743



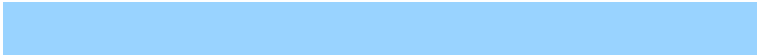
0.0000, 0.0000, 0.0000



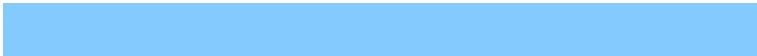
20.3446, 21.4041, 23.3091

Same Dimension

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



54.4828, 60.5830, 103.4299



48.8278, 54.5100, 102.5557



44.0208, 39.6590, 99.9425



17.8604, 19.0924, 22.9938



14.8739, 14.6573, 51.4798



1.5568, 1.6443, 5.0486

Inverse Universe

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



64.3903, 48.7472, 67.6458



60.2575, 42.1996, 60.9721



80.0983, 89.7764, 43.2458



18.4422, 18.1602, 20.9457



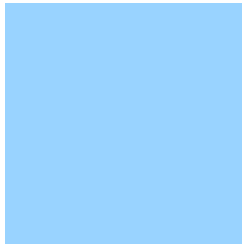
24.2958, 12.2076, 15.4742



2.4204, 1.2105, 1.7953

Previews

White Background



This preview shows how the XYZ color 54.4811, 60.5808, 103.4296 looks on a white background.

Color Contrast Check

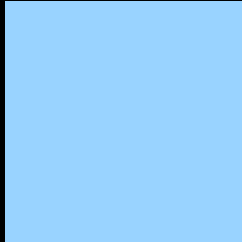
Large Text (above 18pt) WCAG AA × Fail

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 54.4811, 60.5808, 103.4296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

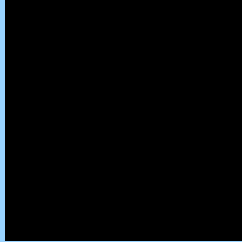
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

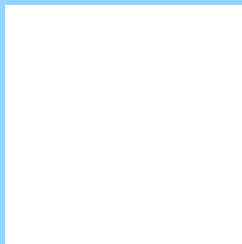
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.4811, 60.5808, 103.4296

Background



This preview shows how black text looks on a background with the XYZ color 54.4811, 60.5808, 103.4296.

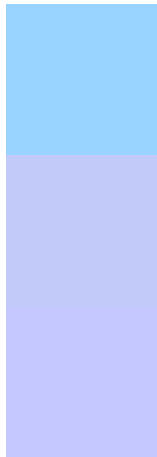


This preview shows how white text looks on a background with the XYZ color 54.4811, 60.5808,

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

54.4811, 60.5808, 103.4296

Protanopia

60.0561, 60.3558, 97.2915

Deuteranopia

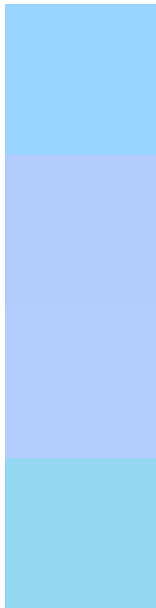
61.4692, 60.2643, 103.0001



Tritanopia

50.8985, 60.6301, 85.3641

Trichromacy



Original Color

54.4811, 60.5808, 103.4296

Protanomaly

57.6040, 60.0927, 99.8298

Deuteranomaly

58.4653, 60.1090, 103.1285

Tritanomaly

52.1692, 60.7740, 91.4190

Monochromacy



Original Color

54.4811, 60.5808, 103.4296

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.4335, 57.7714, 75.3526

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4811, 60.5808, 103.4296 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(153, 211, 255)` looks like.

```
.text, #text, p{  
    color:rgb(153, 211, 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(153, 211, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 211, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.4811, 60.5808, 103.4296 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(153, 211, 255) }
```


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

```
.border{ border-color:rgb(153, 211, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 211, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 211, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 211, 255);  
box-shadow:4px 4px 4px 4px rgb(153, 211,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4811, 60.5808, 103.4296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 211, 255) }
```

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

```
.background{ background-color: rgb(153,  
211, 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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