

Converting Colors

XYZ(55.0017, 61.5990,
103.5986)

Have a look what the booklet for
XYZ(55.0017, 61.5990, 103.5986)
contains.

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Color

**XYZ(54.9811, 61.5808,
103.5962)**

Conversions

Conversions Part 1

Format	Color
Hex	99D5FF
RGB	153, 213, 255
RGB Percent	60%, 84%, 100%
CMY	0.4000, 0.1647, 0.0000
CMYK	0.40, 0.16, 0.00, 0.00
HSL	205°, 100%, 80%
HSV	205°, 40%, 100%
XYZ	54.9811, 61.5808, 103.5962
YIQ	199.8480, -49.2420, 0.3420

Conversions

Conversions Part 2

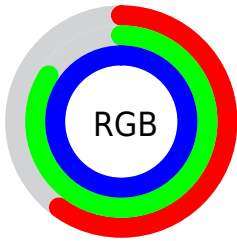
Format	Color
R _Y B	153, 191, 255
Decimal	10081791
CIE Lab	82.69, -8.78, -26.55
CIE LCh	83, 27.968, 251.705
Yxy	61.5808, 0.2497, 0.2797
Android (android.graphics.Color)	4288271871 (0xFF99D5FF)
YUV	199.8480, 27.1899, -41.0857
Hunter-Lab	78.4734, -12.2655, -23.3399

Details

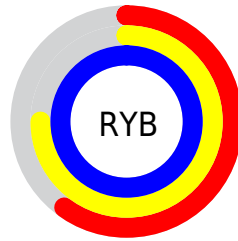
The XYZ color **54.9811, 61.5808, 103.5962** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.5054, 62.5906, 38.7149**, and the grayscale version is **54.6675, 57.5145, 62.6333**.

A 20% lighter version of the original color is **80.3883, 92.4416, 108.2138**, and **27.3497, 31.0723, 57.9822** is the 20% darker color. If you saturate the color by 10%, you get **48.1167, 54.2489, 102.5428**, and if you desaturate by 10%, it is **63.0484, 69.7894, 104.7554**.

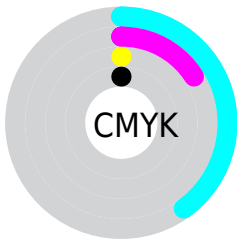
Distribution



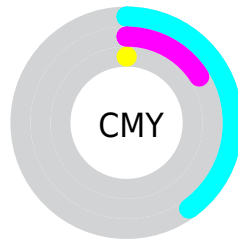
- Red (60%)
- Green (84%)
- Blue (100%)



- 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 54.9811, 61.5808, 103.5962 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 54.9811, 61.5808, 103.5962 by changing the saturation by 10% instead.

■ 54.9811, 61.5808,
103.5962

■ 54.9811, 61.5808,
103.5962

395.9779,
430.4003, 593.0068

■ 39.6204, 44.6941,
78.6737

■ 96.6617, 107.1194,
168.1853

■ 27.4256, 31.2165,
58.1078

■ 123.7124,
136.5401, 208.6890

■ 18.0313, 20.7638,
41.4801

155.3904,
170.9076, 255.2234

■ 11.0723, 12.9514,
28.3719

192.0610,
210.6062, 308.2073

■ 6.1831, 7.3951,
18.3647

234.0898,
256.0204, 368.0590

■ 2.9985, 3.7104,
11.0400

281.8419,

■ 1.1530, 1.5129,

307.5346, 435.1971

5.9792

335.6828,
365.5331, 510.0402

■ 0.0687, 0.2978,
2.7639

■ 0.0000, 0.0000,
0.9754

■ 54.9811, 61.5808,
103.5962

■ 54.9811, 61.5808,
103.5962

■ 48.1167, 54.2489,
102.5428

■ 63.0484, 69.7894,
104.7554

■ 42.3806, 47.7463,
101.5900

■ 72.3766, 78.9052,
106.0233

■ 37.6975, 42.0308,
100.7336

■ 83.0263, 88.9652,
107.4038

■ 33.9794, 37.0518,
99.9686

95.0500, 100.0000,
108.9000

■ 31.1222, 32.7506,
99.2889

■ 28.9574, 29.0348,
98.6858

■ 28.9571, 29.0342,
98.6857

Harmonies

Analogous

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



50.3280, 61.5808, 91.5406



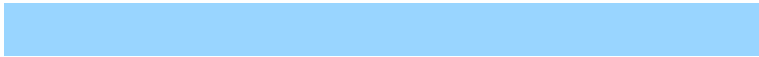
54.9811, 61.5808, 103.5962



60.9042, 61.5808, 104.9163

Triad

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



54.9811, 61.5808, 103.5962



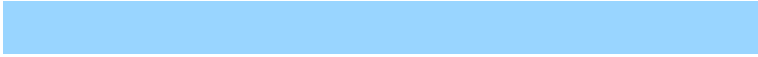
70.5785, 61.5808, 60.5645



51.1812, 61.5808, 45.2723

Complementary

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



54.9811, 61.5808, 103.5962



66.5054, 62.5906, 38.7149

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.



56.2197, 61.5808, 39.6071



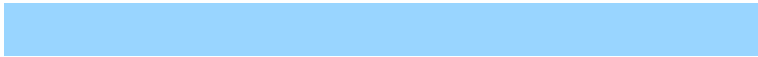
54.9811, 61.5808, 103.5962



67.5795, 61.5808, 47.3722

Square

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



54.9811, 61.5808, 103.5962



70.1902, 61.5808, 77.9742



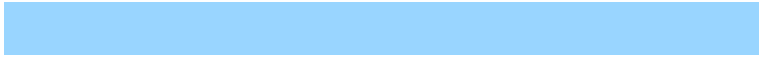
62.2299, 61.5808, 40.3036



48.2397, 61.5808, 57.1988

Rectangle

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



54.9811, 61.5808, 103.5962



64.8100, 61.5808, 99.2962



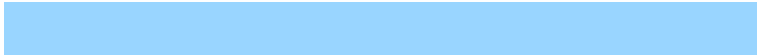
62.2299, 61.5808, 40.3036



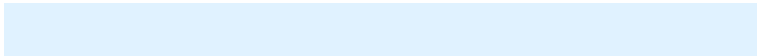
52.6707, 61.5808, 42.6726

Sweetspot

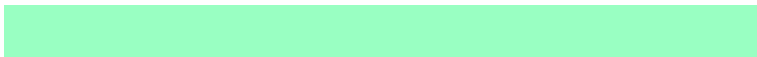
The Sweet Spot groups the original color and five complimentary colors.



54.9829, 61.5831, 103.5966



80.7861, 86.8743, 107.1183



58.6131, 82.1789, 63.6957



16.9849, 18.3071, 22.8884



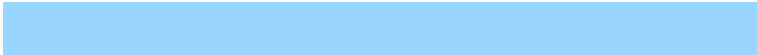
0.0000, 0.0000, 0.0000



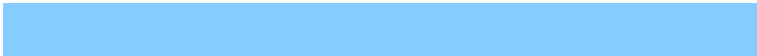
20.3446, 21.4041, 23.3091

Same Dimension

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



54.9829, 61.5831, 103.5966



49.3961, 55.6466, 102.7452



44.3211, 40.2596, 100.0426



17.8911, 19.1539, 23.0041



15.2814, 15.4724, 51.6156



1.5956, 1.7219, 5.0615

Inverse Universe

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



64.6427, 48.8482, 68.9748



60.5443, 42.3143, 62.4826



79.5822, 88.7442, 43.0738



18.4577, 18.1664, 21.0274



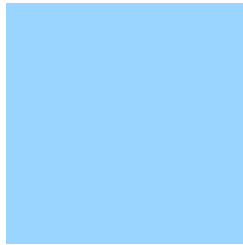
24.5015, 12.2899, 16.5575



2.4400, 1.2184, 1.8984

Previews

White Background



This preview shows how the XYZ color 54.9811, 61.5808, 103.5962 looks on a white background.

Color Contrast Check

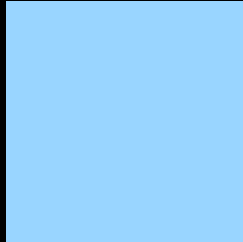
Large Text (above 18pt) WCAG AA × Fail

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 54.9811, 61.5808, 103.5962 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

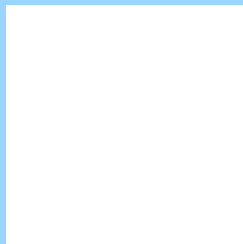
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.9811, 61.5808, 103.5962

Background



This preview shows how black text looks on a background with the XYZ color 54.9811, 61.5808, 103.5962.

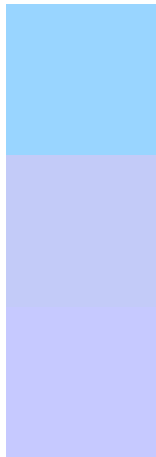


This preview shows how white text looks on a background with the XYZ color 54.9811, 61.5808,

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

54.9811, 61.5808, 103.5962

Protanopia

60.8049, 61.0913, 97.3940

Deuteranopia

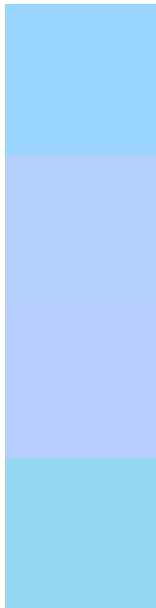
62.2253, 60.9991, 103.1021



Tritanopia

51.6968, 61.7693, 87.0399

Trichromacy



Original Color

54.9811, 61.5808, 103.5962

Protanomaly

58.5478, 61.2940, 100.0119

Deuteranomaly

59.1727, 60.8277, 103.2299

Tritanomaly

52.9773, 61.9121, 93.1624

Monochromacy



Original Color

54.9811, 61.5808, 103.5962

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 54.9811, 61.5808, 103.5962 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, 213, 255)` looks like.

```
.text, #text, p{  
    color:rgb(153, 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(153, 213, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 213, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.9811, 61.5808, 103.5962 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, 213, 255) }
```


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

```
.border{ border-color:rgb(153, 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(153, 213, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 213, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 213, 255);  
box-shadow:4px 4px 4px 4px rgb(153, 213,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9811, 61.5808, 103.5962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 213, 255) }
```

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

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