

Converting Colors

XYZ(57.2418, 61.3122,
115.8779)

Have a look what the booklet for
XYZ(57.2418, 61.3122, 115.8779)
contains.

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Color

**XYZ(54.8069, 60.3811,
103.3738)**

Conversions

Conversions Part 1

Format	Color
Hex	9CD2FF
RGB	156, 210, 255
RGB Percent	61%, 82%, 100%
CMY	0.3882, 0.1765, 0.0000
CMYK	0.39, 0.18, 0.00, 0.00
HSL	207°, 100%, 81%
HSV	207°, 39%, 100%
XYZ	54.8069, 60.3811, 103.3738
YIQ	198.9840, -46.6290, 2.5470

Conversions

Conversions Part 2

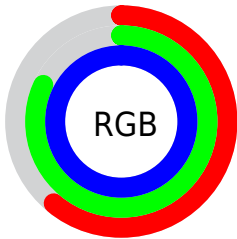
Format	Color
R_{YB}	156, 191, 255
Decimal	10277631
CIE _{Lab}	82.04, -6.44, -27.53
CIE _{LCh}	82, 28.268, 256.833
Yxy	60.3811, 0.2508, 0.2763
Android (android.graphics.Color)	4288467711 (0xFF9CD2FF)
YUV	198.9840, 27.6159, -37.6970
Hunter-Lab	77.7053, -10.0850, -24.4817

Details

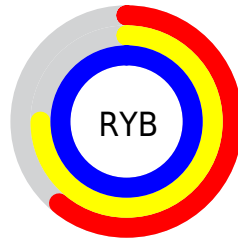
The XYZ color **54.8069, 60.3811, 103.3738** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **68.1280, 65.4341, 40.4938**, and the grayscale version is **54.1348, 56.9540, 62.0229**.

A 20% lighter version of the original color is **81.2506, 92.8861, 108.2542**, and **27.3370, 30.5635, 57.8846** is the 20% darker color. If you saturate the color by 10%, you get **47.6221, 52.5831, 102.2473**, and if you desaturate by 10%, it is **63.2382, 69.1321, 104.6186**.

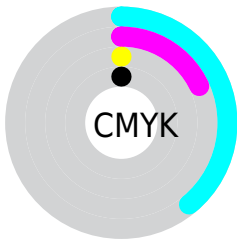
Distribution



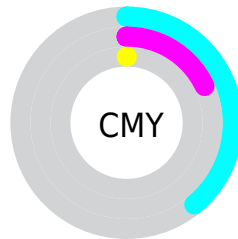
- Red (61%)
- Green (82%)
- Blue (100%)



- Red (61%)
- Yellow (75%)
- Blue (100%)



- Cyan (39%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.8069, 60.3811, 103.3738 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 54.8069, 60.3811, 103.3738 by changing the saturation by 10% instead.

■ 54.8069, 60.3811,
103.3738

■ 54.8069, 60.3811,
103.3738

395.3279,
426.0011, 592.2949

■ 39.4804, 43.7259,
78.4886

■ 96.4079, 105.3823,
167.8781

■ 27.3160, 30.4551,
57.9566

■ 123.4132,
134.4971, 208.3342

■ 17.9485, 20.1843,
41.3593

155.0420,
168.5338, 254.8177

■ 11.0125, 12.5291,
28.2781

191.6598,
207.8770, 307.7471

■ 6.1426, 7.1051,
18.2945

233.6320,
252.9109, 367.5410

■ 2.9735, 3.5279,
10.9900

281.3238,

■ 1.1397, 1.4131,

304.0199, 434.6179

5.9461

335.1006,
361.5885, 509.3964

■ 0.0580, 0.2264,
2.7440

■ 0.0000, 0.0000,
0.9655

■ 54.8069, 60.3811,
103.3738

■ 54.8069, 60.3811,
103.3738

■ 47.6221, 52.5831,
102.2473

■ 63.2382, 69.1321,
104.6186

■ 41.6089, 45.6890,
101.2336

■ 72.9746, 78.8685,
105.9847

■ 36.6918, 39.6544,
100.3279

■ 84.0771, 89.6292,
107.4766

■ 32.7830, 34.4272,
99.5250

95.0500, 100.0000,
108.9000

■ 29.7793, 29.9471,
98.8186

■ 27.5331, 26.1305,
98.2003

■ 27.2964, 25.7128,
98.1321

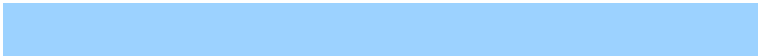
Harmonies

Analogous

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



49.8667, 60.3811, 92.8549



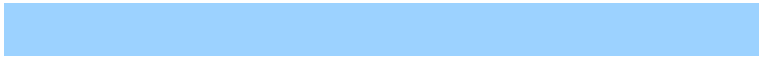
54.8069, 60.3811, 103.3738



60.7906, 60.3811, 102.6369

Triad

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



54.8069, 60.3811, 103.3738



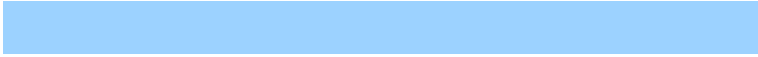
69.1344, 60.3811, 56.6483



49.3937, 60.3811, 45.6635

Complementary

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



54.8069, 60.3811, 103.3738



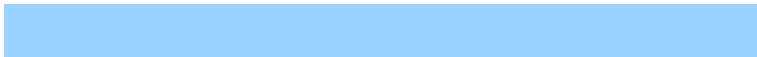
68.1280, 65.4341, 40.4938

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.



54.1195, 60.3811, 38.9587



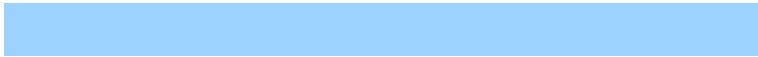
54.8069, 60.3811, 103.3738



65.6353, 60.3811, 44.5030

Square

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



54.8069, 60.3811, 103.3738



69.3506, 60.3811, 73.5475



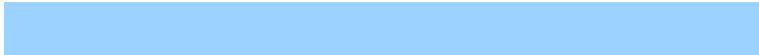
60.0539, 60.3811, 38.5746



46.8911, 60.3811, 58.5144

Rectangle

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



54.8069, 60.3811, 103.3738



64.5751, 60.3811, 95.8346



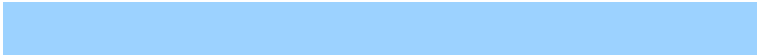
60.0539, 60.3811, 38.5746



50.7595, 60.3811, 42.7216

Sweetspot

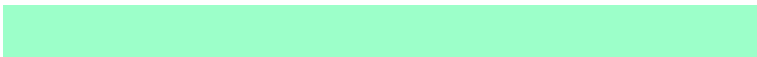
The Sweet Spot groups the original color and five complimentary colors.



54.8087, 60.3833, 103.3742



80.3970, 86.0960, 106.9886



59.9612, 82.7844, 67.8014



16.8933, 18.1238, 22.8578



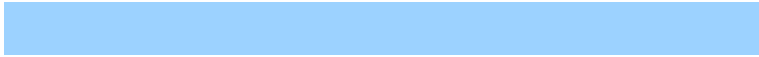
0.0000, 0.0000, 0.0000



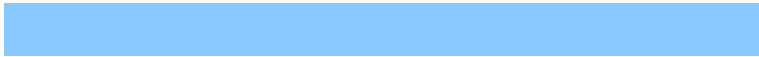
20.3446, 21.4041, 23.3091

Same Dimension

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



54.8087, 60.3833, 103.3742



48.8418, 53.9354, 102.4441



44.4980, 39.7621, 99.9373



17.8242, 19.0200, 22.9817



14.4142, 13.7380, 51.3266



1.5127, 1.5561, 5.0339

Inverse Universe

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



64.7625, 49.6917, 67.1532



60.4117, 42.8245, 60.0476



81.4423, 92.0629, 44.9319



18.4239, 18.1529, 20.8494



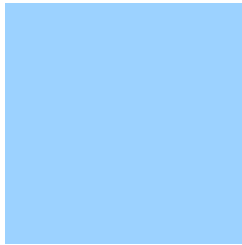
24.0638, 12.1148, 14.2525



2.3982, 1.2016, 1.6781

Previews

White Background



This preview shows how the XYZ color 54.8069, 60.3811, 103.3738 looks on a white background.

Color Contrast Check

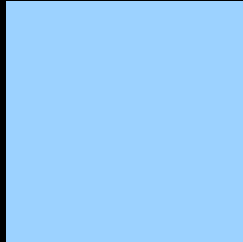
Large Text (above 18pt) WCAG AA × Fail

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 54.8069, 60.3811, 103.3738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

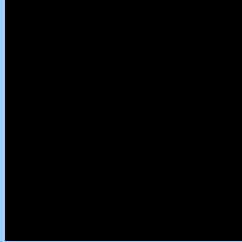
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

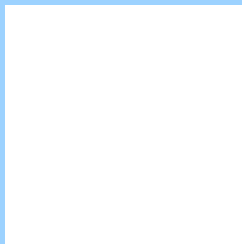
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.8069, 60.3811, 103.3738

Background



This preview shows how black text looks on a background with the XYZ color 54.8069, 60.3811, 103.3738.



This preview shows how white text looks on a background with the XYZ color 54.8069, 60.3811,

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

54.8069, 60.3811, 103.3738

Protanopia

59.7238, 59.8193, 98.0210

Deuteranopia

61.2100, 60.1307, 102.9880



Tritanopia

51.0480, 60.3467, 84.5589

Trichromacy



Original Color

54.8069, 60.3811, 103.3738

Protanomaly

57.5959, 59.7345, 99.7611

Deuteranomaly

58.6989, 60.2295, 103.1394

Tritanomaly

52.4713, 60.5552, 91.3609

Monochromacy



Original Color

54.8069, 60.3811, 103.3738

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.6706, 57.8936, 75.3637

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8069, 60.3811, 103.3738 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(156, 210, 255)` looks like.

```
.text, #text, p{  
    color:rgb(156, 210, 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(156, 210, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 210, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.8069, 60.3811, 103.3738 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(156, 210, 255) }
```


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

```
.border{ border-color:rgb(156, 210, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 210, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 210, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 210, 255); box-shadow:4px 4px 4px 4px rgb(156, 210, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8069, 60.3811, 103.3738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 210, 255) }
```

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

```
.background{ background-color: rgb(156,  
210, 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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