

Converting Colors

XYZ(54.9066, 58.3233,
104.1498)

Have a look what the booklet for
XYZ(54.9066, 58.3233, 104.1498)
contains.

XYZ(54.5432, 58.0871, 102.9449)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.5432, 58.0871,
102.9449)**

Conversions

Conversions Part 1

Format	Color
Hex	A2CCFF
RGB	162, 204, 255
RGB Percent	64%, 80%, 100%
CMY	0.3647, 0.2000, 0.0000
CMYK	0.36, 0.20, 0.00, 0.00
HSL	213°, 100%, 82%
HSV	213°, 36%, 100%
XYZ	54.5432, 58.0871, 102.9449
YIQ	197.2560, -41.4030, 6.9570

Conversions

Conversions Part 2

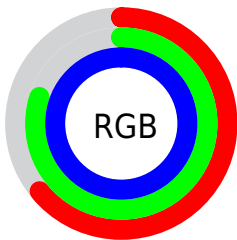
Format	Color
R _Y B	162, 191, 255
Decimal	10669311
CIE Lab	80.79, -1.69, -29.42
CIE LCh	81, 29.470, 266.719
Yxy	58.0871, 0.2530, 0.2695
Android (android.graphics.Color)	4288859391 (0xFFA2CCFF)
YUV	197.2560, 28.4678, -30.9195
Hunter-Lab	76.2149, -5.6325, -26.7337

Details

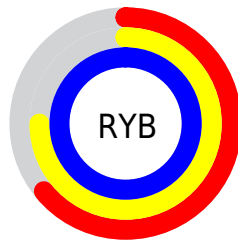
The XYZ color **54.5432, 58.0871, 102.9449** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.5565, 71.4578, 44.2058**, and the grayscale version is **53.0784, 55.8426, 60.8126**.

A 20% lighter version of the original color is **83.0234, 93.8001, 108.3372**, and **27.1628, 29.0157, 57.5950** is the 20% darker color. If you saturate the color by 10%, you get **46.7033, 49.3321, 101.6683**, and if you desaturate by 10%, it is **63.7352, 67.9847, 104.3709**.

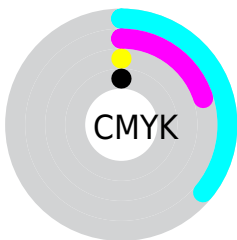
Distribution



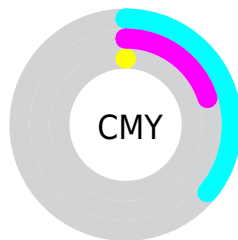
- Red (64%)
- Green (80%)
- Blue (100%)



- Red (64%)
- Yellow (75%)
- Blue (100%)



- Cyan (36%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5432, 58.0871, 102.9449 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 54.5432, 58.0871, 102.9449 by changing the saturation by 10% instead.

■ 54.5432, 58.0871,
102.9449

■ 54.5432, 58.0871,
102.9449

394.3427,
417.5104, 590.9207

■ 39.2685, 41.8787,
78.1317

■ 96.0236, 102.0497,
167.2854

■ 27.1503, 29.0063,
57.6651

■ 122.9600,
130.5726, 207.6497

■ 17.8233, 19.0856,
41.1265

154.5143,
163.9692, 254.0348

■ 10.9221, 11.7321,
28.0975

191.0520,
202.6238, 306.8592

■ 6.0814, 6.5616,
18.1595

232.9383,
246.9209, 366.5414

■ 2.9358, 3.1895,
10.8939

280.5386,

■ 1.1199, 1.2314,

297.2447, 433.5001

5.8823

334.2183,
353.9798, 508.1537

■ 0.0417, 0.0871,
2.7060

■ 0.0000, 0.0000,
0.9464

■ 54.5432, 58.0871,
102.9449

■ 54.5432, 58.0871,
102.9449

■ 46.7033, 49.3321,
101.6683

■ 63.7352, 67.9847,
104.3709

■ 40.1386, 41.6647,
100.5343

■ 74.3402, 79.0635,
105.9504

■ 34.7719, 35.0343,
99.5374

■ 86.4214, 91.3683,
107.6887

■ 30.5145, 29.3823,
98.6708

95.0500, 100.0000,
108.9000

■ 27.2634, 24.6426,
97.9273

■ 24.8915, 20.7356,
97.2982

■ 24.1995, 19.5190,
97.0998

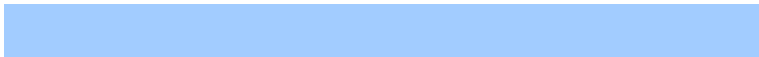
Harmonies

Analogous

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



49.0354, 58.0871, 95.5987



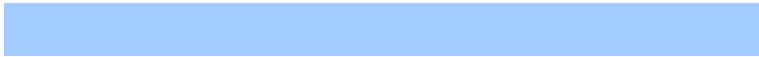
54.5432, 58.0871, 102.9449



60.6395, 58.0871, 98.1465

Triad

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



54.5432, 58.0871, 102.9449



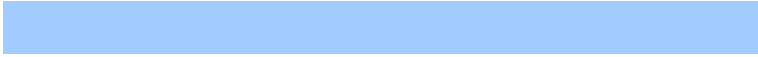
66.3340, 58.0871, 49.3456



45.9951, 58.0871, 46.5840

Complementary

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



54.5432, 58.0871, 102.9449



71.5565, 71.4578, 44.2058

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.



50.1148, 58.0871, 37.7899



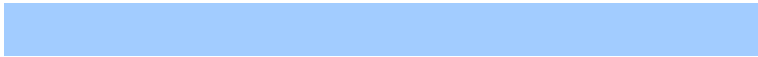
54.5432, 58.0871, 102.9449



61.8824, 58.0871, 39.1666

Square

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



54.5432, 58.0871, 102.9449



67.7341, 58.0871, 65.1840



55.8823, 58.0871, 35.3453



44.3336, 58.0871, 61.3488

Rectangle

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



54.5432, 58.0871, 102.9449



64.1733, 58.0871, 89.1127



55.8823, 58.0871, 35.3453



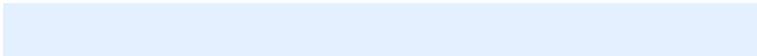
47.1229, 58.0871, 42.9438

Sweetspot

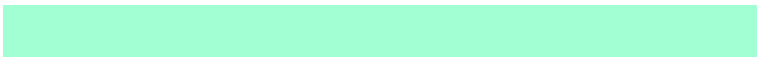
The Sweet Spot groups the original color and five complimentary colors.



54.5449, 58.0893, 102.9453



80.7606, 85.6383, 106.8810



62.4947, 83.9353, 74.9318



16.9365, 17.9738, 22.8266



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.



54.5449, 58.0893, 102.9453



48.5176, 51.3909, 101.9700



46.5099, 41.0728, 100.0842



17.6786, 18.7288, 22.9332



12.7892, 10.4879, 50.7849



1.3526, 1.2358, 4.9805

Inverse Universe

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



65.0606, 51.4620, 63.6331



60.7109, 44.7163, 56.1600



82.3907, 94.8056, 48.1414



18.3504, 18.1235, 20.4625



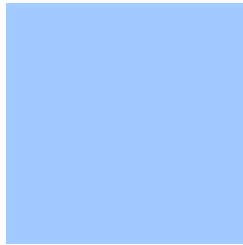
23.2436, 11.7867, 9.9331



2.3173, 1.1693, 1.2525

Previews

White Background



This preview shows how the XYZ color 54.5432, 58.0871, 102.9449 looks on a white background.

Color Contrast Check

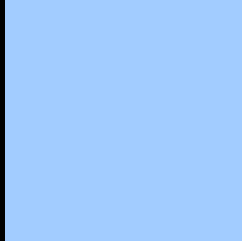
Large Text (above 18pt) WCAG AA × Fail

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 54.5432, 58.0871, 102.9449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

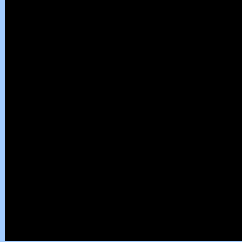
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

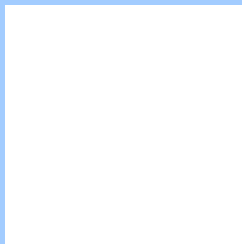
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.5432, 58.0871, 102.9449

Background



This preview shows how black text looks on a background with the XYZ color 54.5432, 58.0871, 102.9449.



This preview shows how white text looks on a background with the XYZ color 54.5432, 58.0871,

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

54.5432, 58.0871, 102.9449

Protanopia

58.1002, 57.9180, 99.3839

Deuteranopia

59.2515, 58.0997, 102.6992



Tritanopia

50.0455, 58.0605, 80.5206

Trichromacy



Original Color

54.5432, 58.0871, 102.9449

Protanomaly

56.5851, 57.8018, 100.2700

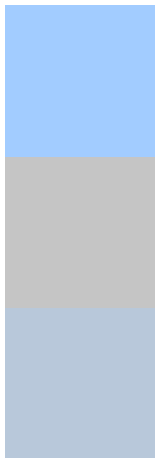
Deuteranomaly

57.5267, 58.2319, 102.8156

Tritanomaly

51.6994, 58.0092, 88.5928

Monochromacy



Original Color

54.5432, 58.0871, 102.9449

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.0763, 56.5609, 74.4496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5432, 58.0871, 102.9449 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(162, 204, 255)` looks like.

```
.text, #text, p{  
    color:rgb(162, 204, 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(162, 204, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 204, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.5432, 58.0871, 102.9449 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(162, 204, 255) }
```


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

```
.border{ border-color:rgb(162, 204, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 204, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 204, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 204, 255);  
box-shadow:4px 4px 4px 4px rgb(162, 204,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5432, 58.0871, 102.9449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 204, 255) }
```

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

```
.background{ background-color: rgb(162,  
204, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor