

Converting Colors

XYZ(51.0871, 57.7350,
103.0591)

Have a look what the booklet for
XYZ(51.0871, 57.7350, 103.0591)
contains.

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Color

**XYZ(51.0871, 57.7350,
103.0591)**

Conversions

Conversions Part 1

Format	Color
Hex	8AD0FF
RGB	138, 208, 255
RGB Percent	54%, 82%, 100%
CMY	0.4588, 0.1843, 0.0000
CMYK	0.46, 0.18, 0.00, 0.00
HSL	204°, 100%, 77%
HSV	204°, 46%, 100%
XYZ	51.0871, 57.7350, 103.0591
YIQ	192.4280, -56.8070, -0.2230

Conversions

Conversions Part 2

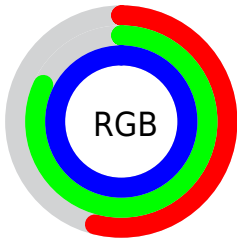
Format	Color
R _Y B	138, 182, 255
Decimal	9097471
CIE Lab	80.59, -9.81, -29.83
CIE LCh	81, 31.404, 251.797
Yxy	57.7350, 0.2411, 0.2725
Android (android.graphics.Color)	4287287551 (0xFF8AD0FF)
YUV	192.4280, 30.8480, -47.7334
Hunter-Lab	75.9836, -12.9578, -27.2286

Details

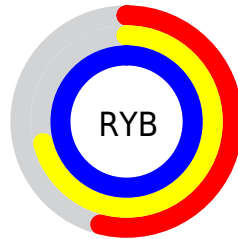
The XYZ color **51.0871, 57.7350, 103.0591** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **63.1772, 57.7939, 31.8723**, and the grayscale version is **50.2036, 52.8181, 57.5190**.

A 20% lighter version of the original color is **76.5750, 90.4758, 108.0354**, and **25.0569, 28.8939, 57.6825** is the 20% darker color. If you saturate the color by 10%, you get **44.9358, 50.9765, 102.0788**, and if you desaturate by 10%, it is **58.3934, 65.3308, 104.1402**.

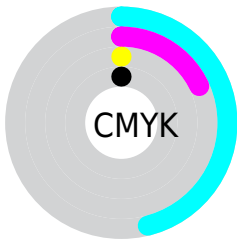
Distribution



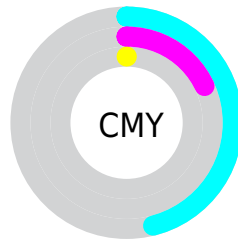
- Red (54%)
- Green (82%)
- Blue (100%)



- Red (54%)
- Yellow (71%)
- Blue (100%)



- Cyan (46%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (46%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.0871, 57.7350, 103.0591 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 51.0871, 57.7350, 103.0591 by changing the saturation by 10% instead.

■ 51.0871, 57.7350,
103.0591

■ 51.0871, 57.7350,
103.0591

381.2842,
416.1978, 591.2868

■ 36.4993, 41.5956,
78.2267

■ 90.9657, 101.5369,
167.4432

■ 24.9919, 28.7848,
57.7427

■ 116.9872,
129.9681, 207.8320

■ 16.1997, 18.9181,
41.1885

147.5507,
163.2655, 254.2433

■ 9.7573, 11.6111,
28.1456

183.0214,
201.8134, 307.0957

■ 5.2994, 6.4795,
18.1954

223.7647,
245.9962, 366.8077

■ 2.4605, 3.1388,
10.9195

270.1461,

■ 0.8754, 1.2046,

296.1982, 433.7978

5.8992

322.5308,
352.8040, 508.4847

■ 0.0000, 0.0655,
2.7161

■ 0.0000, 0.0000,
0.9515

■ 51.0871, 57.7350,
103.0591

■ 51.0871, 57.7350,
103.0591

■ 44.9358, 50.9765,
102.0788

■ 58.3934, 65.3308,
104.1402

■ 39.8611, 45.0068,
101.1940

■ 66.9160, 73.7963,
105.3250

■ 35.7819, 39.7806,
100.4003

■ 76.7178, 83.1693,
106.6176

■ 32.6020, 35.2436,
99.6921

■ 87.8555, 93.4831,
108.0213

■ 30.2025, 31.3296, 95.0500, 100.0000,
99.0631 108.9000

■ 29.3704, 29.8609,
98.8235

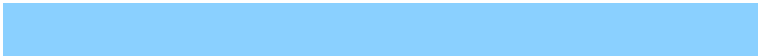
Harmonies

Analogous

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



46.1289, 57.7350, 89.6693



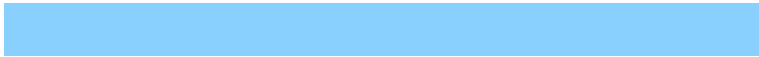
51.0871, 57.7350, 103.0591



57.4534, 57.7350, 104.4957

Triad

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



51.0871, 57.7350, 103.0591



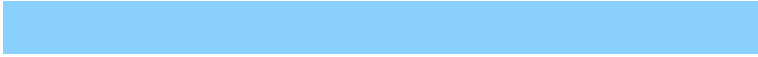
67.9500, 57.7350, 55.8697



47.0084, 57.7350, 39.9040

Complementary

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



51.0871, 57.7350, 103.0591



63.1772, 57.7939, 31.8723

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.



52.3757, 57.7350, 34.0827



51.0871, 57.7350, 103.0591



64.6629, 57.7350, 42.0156

Square

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



51.0871, 57.7350, 103.0591



67.5367, 57.7350, 74.6399



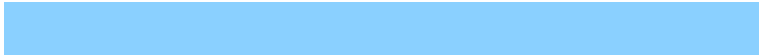
58.8465, 57.7350, 34.7712



43.9045, 57.7350, 52.3961

Rectangle

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



51.0871, 57.7350, 103.0591



61.6817, 57.7350, 98.1916



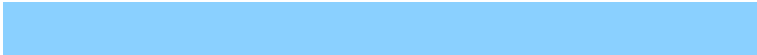
58.8465, 57.7350, 34.7712



48.5891, 57.7350, 37.2238

Sweetspot

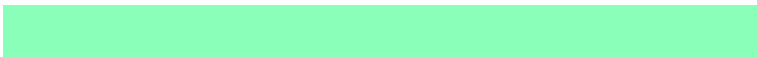
The Sweet Spot groups the original color and five complimentary colors.



51.0888, 57.7371, 103.0594



78.7083, 85.0357, 106.8729



54.9783, 80.4182, 58.4147



16.3588, 17.7433, 22.8126



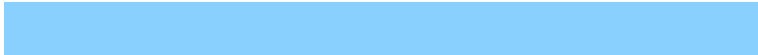
0.0000, 0.0000, 0.0000



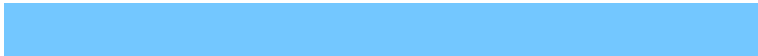
20.3446, 21.4041, 23.3091

Same Dimension

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



51.0888, 57.7371, 103.0594



45.4331, 51.5392, 102.1612



39.3914, 34.3423, 99.1603



17.9069, 19.1854, 23.0093



15.4969, 15.9033, 51.6875



1.6160, 1.7626, 5.0683

Inverse Universe

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



61.7148, 43.9927, 64.9154



57.6118, 37.5723, 58.0428



77.9684, 87.3763, 36.8027



18.4657, 18.1696, 21.0693



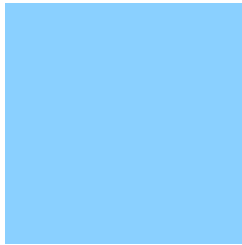
24.6103, 12.3334, 17.1302



2.4503, 1.2225, 1.9525

Previews

White Background



This preview shows how the XYZ color 51.0871, 57.7350, 103.0591 looks on a white background.

Color Contrast Check

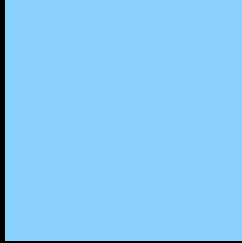
Large Text (above 18pt) WCAG AA × Fail

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 51.0871, 57.7350, 103.0591 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

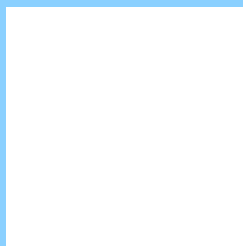
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.0871, 57.7350, 103.0591

Background



This preview shows how black text looks on a background with the XYZ color 51.0871, 57.7350, 103.0591.

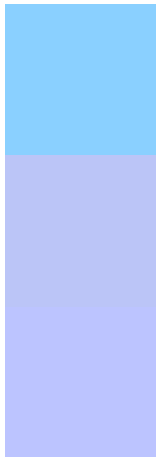


This preview shows how white text looks on a background with the XYZ color 51.0871, 57.7350,

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

51.0871, 57.7350, 103.0591

Protanopia

57.2483, 57.2127, 96.0215

Deuteranopia

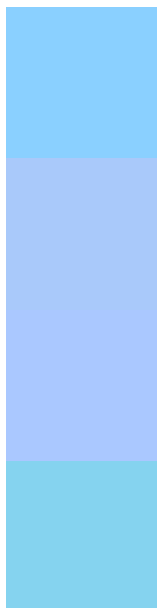
58.5290, 57.3912, 102.6005



Tritanopia

47.0323, 57.5460, 83.4915

Trichromacy



Original Color

51.0871, 57.7350, 103.0591

Protanomaly

54.5041, 57.1104, 98.5932

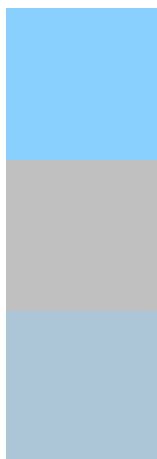
Deuteranomaly

55.2818, 57.0746, 102.7106

Tritanomaly

48.5471, 57.8071, 90.2605

Monochromacy



Original Color

51.0871, 57.7350, 103.0591

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.4731, 54.0651, 72.1181

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0871, 57.7350, 103.0591 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(138, 208, 255)` looks like.

```
.text, #text, p{  
    color:rgb(138, 208, 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(138, 208, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 208, 255) }
```

Border

The CSS property to change the border of an element to XYZ 51.0871, 57.7350, 103.0591 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(138, 208, 255) }
```


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

```
.border{ border-color:rgb(138, 208, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 208, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 208, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 208, 255);  
box-shadow:4px 4px 4px 4px rgb(138, 208,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0871, 57.7350, 103.0591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 208, 255) }
```

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

```
.background{ background-color: rgb(138,  
208, 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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