

Converting Colors

XYZ(51.3511, 52.0033,
101.9389)

Have a look what the booklet for
XYZ(51.3511, 52.0033, 101.9389)
contains.

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Color

**XYZ(51.3787, 52.0587,
101.9481)**

Conversions

Conversions Part 1

Format	Color
Hex	A1BFFF
RGB	161, 191, 255
RGB Percent	63%, 75%, 100%
CMY	0.3686, 0.2510, 0.0000
CMYK	0.37, 0.25, 0.00, 0.00
HSL	221°, 100%, 82%
HSV	221°, 37%, 100%
XYZ	51.3787, 52.0587, 101.9481
YIQ	189.3260, -38.4240, 13.5440

Conversions

Conversions Part 2

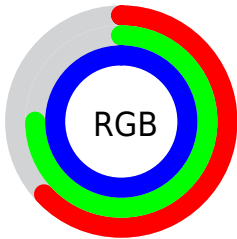
Format	Color
R _Y B	161, 184, 255
Decimal	10600447
CIE Lab	77.32, 5.08, -34.77
CIE LCh	77, 35.140, 278.312
Yxy	52.0587, 0.2502, 0.2535
Android (android.graphics.Color)	4288790527 (0xFFA1BFFF)
YUV	189.3260, 32.3773, -24.8419
Hunter-Lab	72.1517, 0.8430, -33.2687

Details

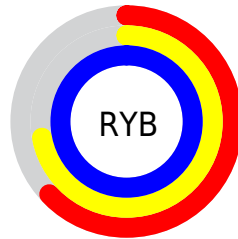
The XYZ color **51.3787, 52.0587, 101.9481** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **74.5986, 77.6839, 44.7827**, and the grayscale version is **48.3939, 50.9141, 55.4455**.

A 20% lighter version of the original color is **80.2242, 88.6470, 107.4900**, and **25.2254, 25.3183, 56.9835** is the 20% darker color. If you saturate the color by 10%, you get **43.1899, 42.5468, 100.5437**, and if you desaturate by 10%, it is **61.0673, 63.0123, 103.5517**.

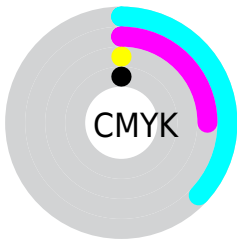
Distribution



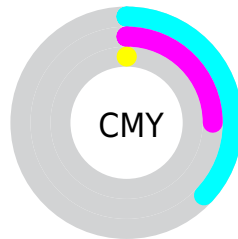
- Red (63%)
- Green (75%)
- Blue (100%)



- Red (63%)
- Yellow (72%)
- Blue (100%)



- Cyan (37%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (37%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.3787, 52.0587, 101.9481 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 51.3787, 52.0587, 101.9481 by changing the saturation by 10% instead.

■ 51.3787, 52.0587,
101.9481

■ 51.3787, 52.0587,
101.9481

382.3968,
394.6632, 587.7205

■ 36.7324, 37.0519,
77.3025

■ 91.3940, 93.2178,
165.9069

■ 25.1731, 25.2477,
56.9882

■ 117.4936,
120.1389, 206.0573

■ 16.3355, 16.2617,
40.5865

148.1417,
151.8001, 252.2130

■ 9.8542, 9.7095,
27.6788

183.7037,
188.5860, 304.7925

■ 5.3639, 5.2068,
17.8468

224.5448,
230.8808, 364.2145

■ 2.4993, 2.3691,
10.6717

271.0304,

■ 0.8949, 0.8099,

279.0690, 430.8975

5.7352

323.5260,
333.5350, 505.2600

■ 0.0000, 0.0000,
2.6186

■ 0.0000, 0.0000,
0.9020

■ 51.3787, 52.0587,
101.9481

■ 51.3787, 52.0587,
101.9481

■ 43.1899, 42.5468,
100.5437

■ 61.0673, 63.0123,
103.5517

■ 36.4165, 34.4065,
99.3295

■ 72.3245, 75.4617,
105.3614

■ 30.9723, 27.5700,
98.2969

■ 85.2204, 89.4652,
107.3846

■ 26.7592, 21.9606,
97.4362

95.0500, 100.0000,
108.9000

■ 23.6636, 17.4919,
96.7368

■ 21.5450, 14.0613,
96.1863

■ 21.0212, 13.1623,
96.0404

Harmonies

Analogous

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



44.8407, 52.0587, 98.6723



51.3787, 52.0587, 101.9481



57.9632, 52.0587, 91.1050

Triad

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



51.3787, 52.0587, 101.9481



60.3694, 52.0587, 36.6351



38.3816, 52.0587, 44.0356

Complementary

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



51.3787, 52.0587, 101.9481



74.5986, 77.6839, 44.7827

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.



41.8682, 52.0587, 32.2497



51.3787, 52.0587, 101.9481



54.4292, 52.0587, 28.7020

Square

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



51.3787, 52.0587, 101.9481



63.4537, 52.0587, 51.4818



47.6291, 52.0587, 27.3028



37.7254, 52.0587, 62.2234

Rectangle

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



51.3787, 52.0587, 101.9481



61.3560, 52.0587, 78.5169



47.6291, 52.0587, 27.3028



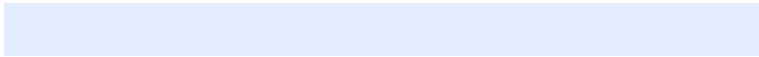
39.2452, 52.0587, 39.3260

Sweetspot

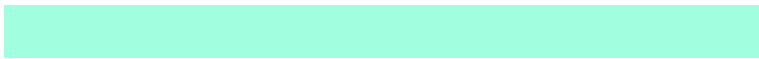
The Sweet Spot groups the original color and five complimentary colors.



51.3803, 52.0606, 101.9484



79.6801, 83.4775, 106.5209



63.8682, 84.4613, 83.2216



16.6798, 17.4604, 22.7410



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.



51.3803, 52.0606, 101.9484



45.3851, 45.1258, 100.9258



48.8519, 42.0194, 100.1435



17.4762, 18.3240, 22.8657



11.1024, 7.1143, 50.2226



1.1746, 0.8799, 4.9212

Inverse Universe

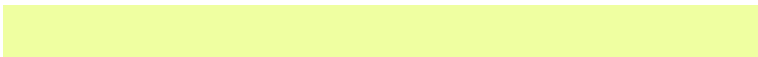
The Inverse Universe completely reimagines the original color for something new.



63.3899, 50.5128, 55.7012



59.1297, 44.0838, 47.8337



77.9028, 92.5022, 47.4688



18.2482, 18.0826, 19.9244



22.3922, 11.4462, 5.4496



2.2275, 1.1334, 0.7795

Previews

White Background



This preview shows how the XYZ color 51.3787, 52.0587, 101.9481 looks on a white background.

Color Contrast Check

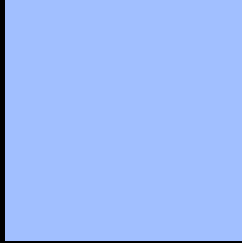
Large Text (above 18pt) WCAG AA × Fail

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 51.3787, 52.0587, 101.9481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

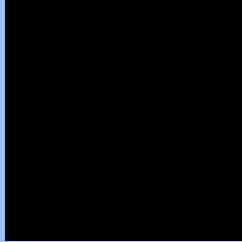
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

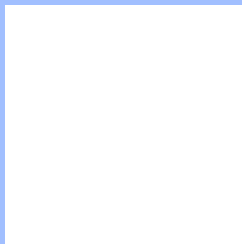
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.3787, 52.0587, 101.9481

Background



This preview shows how black text looks on a background with the XYZ color 51.3787, 52.0587, 101.9481.



This preview shows how white text looks on a background with the XYZ color 51.3787, 52.0587,

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

51.3787, 52.0587, 101.9481

Protanopia

52.9464, 51.9425, 100.1638

Deuteranopia

53.2668, 52.0707, 101.8509



Tritanopia

45.0942, 51.8225, 71.2444

Trichromacy



Original Color

51.3787, 52.0587, 101.9481

Protanomaly

52.4492, 51.9860, 101.0359

Deuteranomaly

52.6098, 52.0502, 101.8816

Tritanomaly

47.1755, 51.6559, 81.6129

Monochromacy



Original Color

51.3787, 52.0587, 101.9481

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.0141, 51.2147, 70.2529

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3787, 52.0587, 101.9481 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(161, 191, 255)` looks like.

```
.text, #text, p{  
    color:rgb(161, 191, 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(161, 191, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 191, 255) }
```

Border

The CSS property to change the border of an element to XYZ 51.3787, 52.0587, 101.9481 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(161, 191, 255) }
```


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

```
.border{ border-color:rgb(161, 191, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 191, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 191, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 191, 255);  
box-shadow:4px 4px 4px 4px rgb(161, 191,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3787, 52.0587, 101.9481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 191, 255) }
```

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

```
.background{ background-color: rgb(161,  
191, 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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