

Converting Colors

XYZ(75.6786, 61.6403,
226.3596)

Have a look what the booklet for
XYZ(75.6786, 61.6403, 226.3596)
contains.

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Color

**XYZ(51.9805, 52.0462,
101.9140)**

Conversions

Conversions Part 1

Format	Color
Hex	A5BEFF
RGB	165, 190, 255
RGB Percent	65%, 75%, 100%
CMY	0.3529, 0.2549, 0.0000
CMYK	0.35, 0.25, 0.00, 0.00
HSL	223°, 100%, 82%
HSV	223°, 35%, 100%
XYZ	51.9805, 52.0462, 101.9140
YIQ	189.9350, -35.7650, 14.9150

Conversions

Conversions Part 2

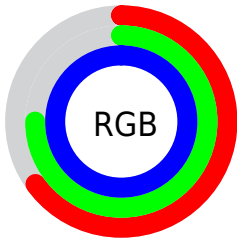
Format	Color
R _Y B	165, 185, 255
Decimal	10862335
CIE Lab	77.31, 6.70, -34.76
CIE LCh	77, 35.401, 280.903
Yxy	52.0462, 0.2524, 0.2527
Android (android.graphics.Color)	4289052415 (0xFFA5BEFF)
YUV	189.9350, 32.0770, -21.8680
Hunter-Lab	72.1431, 2.3624, -33.2568

Details

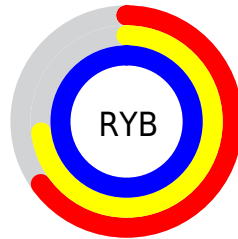
The XYZ color **51.9805, 52.0462, 101.9140** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **76.3289, 80.5708, 47.1280**, and the grayscale version is **48.7435, 51.2820, 55.8460**.

A 20% lighter version of the original color is **81.1300, 88.6611, 107.4450**, and **25.5691, 25.2835, 56.9587** is the 20% darker color. If you saturate the color by 10%, you get **43.4558, 42.1005, 100.4436**, and if you desaturate by 10%, it is **62.0697, 63.5490, 103.6025**.

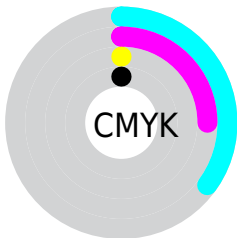
Distribution



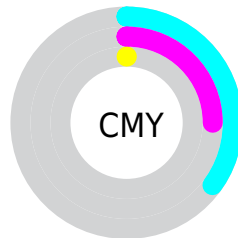
- Red (65%)
- Green (75%)
- Blue (100%)



- Red (65%)
- Yellow (73%)
- Blue (100%)



- Cyan (35%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.9805, 52.0462, 101.9140 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 51.9805, 52.0462, 101.9140 by changing the saturation by 10% instead.

■ 51.9805, 52.0462,
101.9140

■ 51.9805, 52.0462,
101.9140

384.6865,
394.6149, 587.6109

■ 37.2137, 37.0419,
77.2742

■ 92.2769, 93.1994,
165.8597

■ 25.5475, 25.2399,
56.9650

■ 118.5372,
120.1170, 206.0028

■ 16.6163, 16.2559,
40.5680

149.3594,
151.7746, 252.1506

■ 10.0549, 9.7054,
27.6645

185.1089,
188.5565, 304.7218

■ 5.4979, 5.2041,
17.8361

226.1510,
230.8471, 364.1348

■ 2.5800, 2.3675,
10.6642

272.8511,

■ 0.9358, 0.8091,

279.0307, 430.8084

5.7302

325.5745,
333.4919, 505.1609

■ 0.0000, 0.0000,
2.6156

■ 0.0000, 0.0000,
0.9005

■ 51.9805, 52.0462,
101.9140

■ 51.9805, 52.0462,
101.9140

■ 43.4558, 42.1005,
100.4436

■ 62.0697, 63.5490,
103.6025

■ 36.4091, 33.6359,
99.1812

■ 73.7945, 76.6683,
105.5168

■ 30.7520, 26.5787,
98.1171

■ 87.2270, 91.4676,
107.6654

■ 26.3845, 20.8455,
97.2407

■ 95.0500, 100.0000,
108.9000

■ 23.1914, 16.3432,
96.5400

■ 21.0342, 12.9631,
96.0013

■ 20.2927, 11.7054,
95.7976

Harmonies

Analogous

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



45.3166, 52.0462, 99.8817



51.9805, 52.0462, 101.9140



58.5240, 52.0462, 89.9084

Triad

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



51.9805, 52.0462, 101.9140



60.0127, 52.0462, 35.5337



38.1228, 52.0462, 45.2900

Complementary

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



51.9805, 52.0462, 101.9140



76.3289, 80.5708, 47.1280

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.



41.3986, 52.0462, 32.8360



51.9805, 52.0462, 101.9140



53.8663, 52.0462, 28.1593

Square

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



51.9805, 52.0462, 101.9140



63.4358, 52.0462, 49.8838



47.0385, 52.0462, 27.3003



37.7182, 52.0462, 64.0442

Rectangle

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



51.9805, 52.0462, 101.9140



61.7829, 52.0462, 76.8779



47.0385, 52.0462, 27.3003



38.9096, 52.0462, 40.3545

Sweetspot

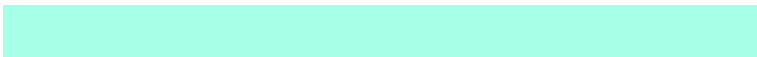
The Sweet Spot groups the original color and five complimentary colors.



51.9821, 52.0481, 101.9143



79.3472, 82.8117, 106.4099



65.4909, 85.2050, 87.4906



16.6008, 17.3025, 22.7147



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.



51.9821, 52.0481, 101.9143



46.0956, 45.2084, 100.9043



51.3938, 44.3843, 100.4660



17.4137, 18.1990, 22.8449



10.7104, 6.3303, 50.0920



1.1299, 0.7906, 4.9063

Inverse Universe

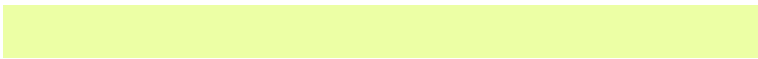
The Inverse Universe completely reimagines the original color for something new.



63.9905, 51.8896, 55.3601



59.8150, 45.6088, 47.5865



76.9785, 91.9843, 49.2968



18.2167, 18.0700, 19.7583



22.1943, 11.3670, 4.4076



2.2049, 1.1244, 0.6607

Previews

White Background



This preview shows how the XYZ color 51.9805, 52.0462, 101.9140 looks on a white background.

Color Contrast Check

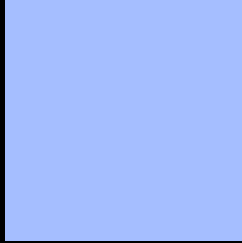
Large Text (above 18pt) WCAG AA × Fail

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 51.9805, 52.0462, 101.9140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

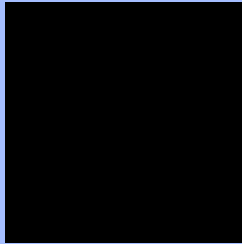
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.9805, 52.0462, 101.9140

Background



This preview shows how black text looks on a background with the XYZ color 51.9805, 52.0462, 101.9140.



This preview shows how white text looks on a background with the XYZ color 51.9805, 52.0462,

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

51.9805, 52.0462, 101.9140

Protanopia

52.8859, 51.8929, 100.9949

Deuteranopia

53.2668, 52.0707, 101.8509



Tritanopia

45.8493, 52.2118, 71.2797

Trichromacy



Original Color

51.9805, 52.0462, 101.9140

Protanomaly

52.4492, 51.9860, 101.0359

Deuteranomaly

52.8252, 52.1612, 101.8917

Tritanomaly

47.9560, 52.0583, 81.6494

Monochromacy



Original Color

51.9805, 52.0462, 101.9140

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.6071, 51.5057, 70.9453

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9805, 52.0462, 101.9140 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(165, 190, 255)` looks like.

```
.text, #text, p{  
    color:rgb(165, 190, 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(165, 190, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 190, 255) }
```

Border

The CSS property to change the border of an element to XYZ 51.9805, 52.0462, 101.9140 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(165, 190, 255) }
```


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

```
.border{ border-color:rgb(165, 190, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 190, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 190, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 190, 255);  
box-shadow:4px 4px 4px 4px rgb(165, 190,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9805, 52.0462, 101.9140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 190, 255) }
```

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

```
.background{ background-color: rgb(165,  
190, 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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