

Converting Colors

XYZ(58.6209, 51.7887,
139.9062)

Have a look what the booklet for
XYZ(58.6209, 51.7887, 139.9062)
contains.

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Color

**XYZ(51.3685, 48.9257,
101.3439)**

Conversions

Conversions Part 1

Format	Color
Hex	ABB5FF
RGB	171, 181, 255
RGB Percent	67%, 71%, 100%
CMY	0.3294, 0.2902, 0.0000
CMYK	0.33, 0.29, 0.00, 0.00
HSL	233°, 100%, 84%
HSV	233°, 33%, 100%
XYZ	51.3685, 48.9257, 101.3439
YIQ	186.4460, -29.7140, 20.8940

Conversions

Conversions Part 2

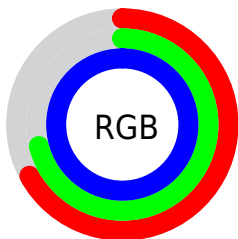
Format	Color
RYB	171, 180, 255
Decimal	11253247
CIELab	75.41, 13.29, -37.68
CIELCh	75, 39.953, 289.428
Yxy	48.9257, 0.2548, 0.2426
Android (android.graphics.Color)	4289443327 (0xFFABB5FF)
YUV	186.4460, 33.7971, -13.5461
Hunter-Lab	69.9469, 8.6820, -36.9406

Details

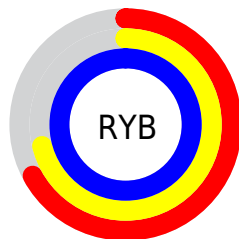
The XYZ color **51.3685, 48.9257, 101.3439** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.2436, 89.5055, 51.5244**, and the grayscale version is **46.7518, 49.1865, 53.5641**.

A 20% lighter version of the original color is **80.3291, 84.2824, 106.6421**, and **25.1147, 23.2286, 56.5860** is the 20% darker color. If you saturate the color by 10%, you get **42.1351, 37.9237, 99.7070**, and if you desaturate by 10%, it is **62.4128, 61.9566, 103.2771**.

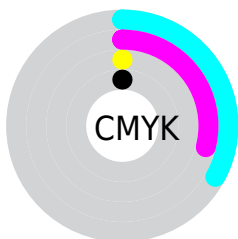
Distribution



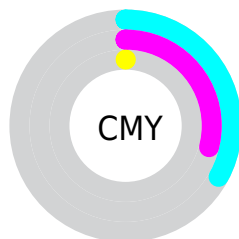
- Red (67%)
- Green (71%)
- Blue (100%)



- Red (67%)
- Yellow (71%)
- Blue (100%)



- Cyan (33%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.3685, 48.9257, 101.3439 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 51.3685, 48.9257, 101.3439 by changing the saturation by 10% instead.

■ 51.3685, 48.9257,
101.3439

■ 51.3685, 48.9257,
101.3439

382.3579,
382.4497, 585.7762

■ 36.7242, 34.5605,
76.8002

■ 91.3790, 88.5811,
165.0707

■ 25.1667, 23.3246,
56.5784

117.4759,
114.6401, 205.0910

■ 16.3307, 14.8333,
40.2597

148.1211,
145.3659, 251.1072

■ 9.8508, 8.7025,
27.4258

183.6798,
181.1428, 303.5379

■ 5.3616, 4.5476,
17.6580

224.5175,
222.3552, 362.8016

■ 2.4979, 1.9844,
10.5378

270.9995,

■ 0.8942, 0.5984,

269.3876, 429.3168

5.6467

323.4912,
322.6243, 503.5022

■ 0.0000, 0.0000,
2.5662

■ 0.0000, 0.0000,
0.8749

■ 51.3685, 48.9257,
101.3439

■ 51.3685, 48.9257,
101.3439

■ 42.1351, 37.9237,
99.7070

■ 62.4128, 61.9566,
103.2771

■ 34.6110, 28.8428,
98.3508

■ 75.3533, 77.1060,
105.5191

■ 28.6914, 21.5734,
97.2596

■ 90.2751, 94.4647,
108.0832

■ 24.2581, 15.9926,
96.4161

■ 95.0500, 100.0000,
108.9000

■ 21.1761, 11.9618,
95.8005

■ 19.2850, 9.3197,
95.3902

■ 18.5234, 8.1667,
95.2078

Harmonies

Analogous

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



43.9548, 48.9257, 103.8503



51.3685, 48.9257, 101.3439



58.0973, 48.9257, 84.2075

Triad

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



51.3685, 48.9257, 101.3439



56.3239, 48.9257, 28.0423



33.9358, 48.9257, 46.1786

Complementary

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



51.3685, 48.9257, 101.3439



81.2436, 89.5055, 51.5244

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.



36.5630, 48.9257, 31.0263



51.3685, 48.9257, 101.3439



49.1466, 48.9257, 22.5448

Square

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



51.3685, 48.9257, 101.3439



61.1605, 48.9257, 40.8998



41.9538, 48.9257, 23.4698



34.3961, 48.9257, 67.9166

Rectangle

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



51.3685, 48.9257, 101.3439



61.0445, 48.9257, 68.8144



41.9538, 48.9257, 23.4698



34.4752, 48.9257, 40.2656

Sweetspot

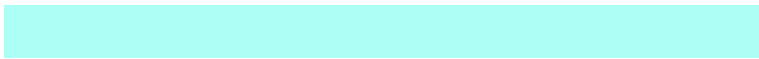
The Sweet Spot groups the original color and five complimentary colors.



51.3700, 48.9275, 101.3442



79.5305, 81.9757, 106.2389



68.8543, 86.6979, 98.5346



16.5907, 17.0427, 22.6651



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.



51.3700, 48.9275, 101.3442



44.6678, 40.9541, 100.1584



56.9174, 48.8763, 101.0419



17.1772, 17.7259, 22.7661



9.7333, 4.3762, 49.7663



1.0007, 0.5321, 4.8632

Inverse Universe

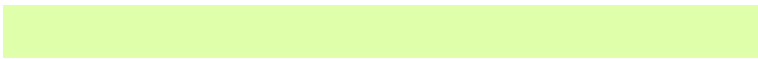
The Inverse Universe completely reimagines the original color for something new.



64.1445, 53.7236, 50.7068



59.4358, 46.7643, 41.5593



73.9140, 90.3399, 52.0717



18.0973, 18.0222, 19.1296



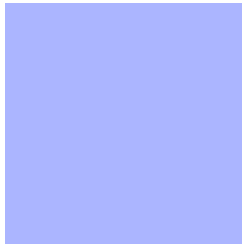
21.7011, 11.1697, 1.8107



2.1397, 1.0983, 0.3171

Previews

White Background



This preview shows how the XYZ color 51.3685, 48.9257, 101.3439 looks on a white background.

Color Contrast Check

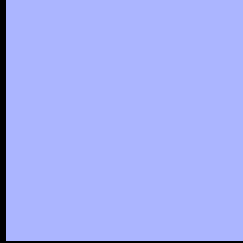
Large Text (above 18pt) WCAG AA × Fail

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 51.3685, 48.9257, 101.3439 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 51.3685, 48.9257, 101.3439

Background



This preview shows how black text looks on a background with the XYZ color 51.3685, 48.9257, 101.3439.



This preview shows how white text looks on a background with the XYZ color 51.3685, 48.9257,

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

51.3685, 48.9257, 101.3439

Protanopia

50.2933, 48.9795, 101.4110

Deuteranopia

50.2933, 48.9795, 101.4110



Tritanopia

44.0512, 48.7567, 65.4818

Trichromacy



Original Color

51.3685, 48.9257, 101.3439

Protanomaly

50.7143, 48.8914, 101.3718

Deuteranomaly

50.7143, 48.8914, 101.3718

Tritanomaly

46.5347, 48.8150, 77.4906

Monochromacy



Original Color

51.3685, 48.9257, 101.3439

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

47.9544, 48.8079, 68.5214

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3685, 48.9257, 101.3439 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(171, 181, 255)` looks like.

```
.text, #text, p{  
    color:rgb(171, 181, 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(171, 181, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 181, 255) }
```

Border

The CSS property to change the border of an element to XYZ 51.3685, 48.9257, 101.3439 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(171, 181, 255) }
```


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

```
.border{ border-color:rgb(171, 181, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 181, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 181, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 181, 255);  
box-shadow:4px 4px 4px 4px rgb(171, 181,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3685, 48.9257, 101.3439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 181, 255) }
```

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

```
.background{ background-color: rgb(171,  
181, 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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