

Converting Colors

XYZ(54.6537, 53.0016,
101.9575)

Have a look what the booklet for
XYZ(54.6537, 53.0016, 101.9575)
contains.

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Color

**XYZ(54.8380, 53.1989,
101.9859)**

Conversions

Conversions Part 1

Format	Color
Hex	B3BDFF
RGB	179, 189, 255
RGB Percent	70%, 74%, 100%
CMY	0.2980, 0.2588, 0.0000
CMYK	0.30, 0.26, 0.00, 0.00
HSL	232°, 100%, 85%
HSV	232°, 30%, 100%
XYZ	54.8380, 53.1989, 101.9859
YIQ	193.5340, -27.1460, 18.4060

Conversions

Conversions Part 2

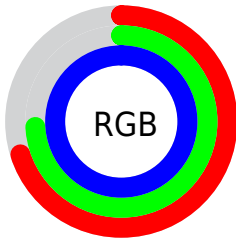
Format	Color
R _Y B	179, 188, 255
Decimal	11779583
CIE Lab	77.99, 11.11, -33.63
CIE LCh	78, 35.416, 288.279
Yxy	53.1989, 0.2611, 0.2533
Android (android.graphics.Color)	4289969663 (0xFFB3BDFF)
YUV	193.5340, 30.3027, -12.7463
Hunter-Lab	72.9376, 6.5642, -31.8467

Details

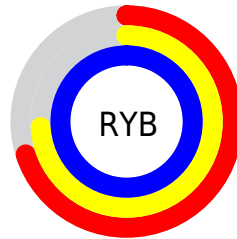
The XYZ color **54.8380, 53.1989, 101.9859** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.0294, 89.8195, 55.6631**, and the grayscale version is **50.8427, 53.4905, 58.2512**.

A 20% lighter version of the original color is **85.2945, 90.3577, 107.5530**, and **27.3094, 25.9706, 56.9996** is the 20% darker color. If you saturate the color by 10%, you get **45.0750, 41.6273, 100.2669**, and if you desaturate by 10%, it is **66.4212, 66.7908, 103.9989**.

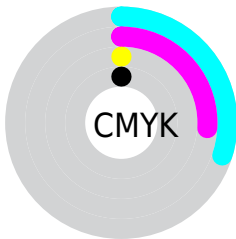
Distribution



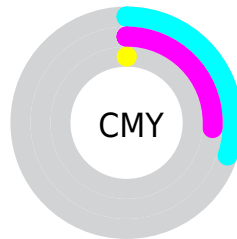
- Red (70%)
- Green (74%)
- Blue (100%)



- Red (70%)
- Yellow (74%)
- Blue (100%)



- Cyan (30%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.8380, 53.1989, 101.9859 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 54.8380, 53.1989, 101.9859 by changing the saturation by 10% instead.

■ 54.8380, 53.1989,
101.9859

■ 54.8380, 53.1989,
101.9859

395.4440,
399.0478, 587.8420

■ 39.5054, 37.9616,
77.3340

■ 96.4533, 94.8970,
165.9592

■ 27.3356, 25.9529,
57.0138

123.4666,
122.1265, 206.1177

■ 17.9633, 16.7884,
40.6069

155.1042,
154.1223, 252.2821

■ 11.0232, 10.0837,
27.6947

191.7315,
191.2686, 304.8710

■ 6.1498, 5.4545,
17.8586

233.7137,
233.9499, 364.3029

■ 2.9779, 2.5163,
10.6801

281.4163,

■ 1.1421, 0.8848,

282.5506, 430.9963

5.7407

335.2046,
337.4551, 505.3699

■ 0.0599, 0.0000,
2.6218

■ 0.0000, 0.0000,
0.9037

■ 54.8380, 53.1989,
101.9859

■ 54.8380, 53.1989,
101.9859

■ 45.0750, 41.6273,
100.2669

■ 66.4212, 66.7908,
103.9989

■ 37.0345, 31.9732,
98.8273

■ 79.9061, 82.4873,
106.3179

■ 30.6165, 24.1338,
97.6524

95.0500, 100.0000,
108.9000

■ 25.7090, 17.9942,
96.7260

■ 22.1852, 13.4258,
96.0299

■ 19.8969, 10.2813,
95.5435

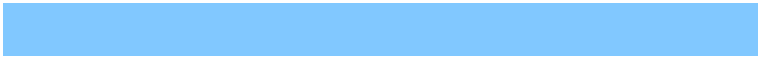
■ 18.6281, 8.3669,
95.2409

■ 18.6094, 8.3388,
95.2365

Harmonies

Analogous

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



47.9176, 53.1989, 103.6340



54.8380, 53.1989, 101.9859



61.1212, 53.1989, 87.0526

Triad

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



54.8380, 53.1989, 101.9859



59.9122, 53.1989, 33.9513



38.6597, 53.1989, 50.5469

Complementary

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



54.8380, 53.1989, 101.9859



82.0294, 89.8195, 55.6631

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.



41.2983, 53.1989, 36.1483



54.8380, 53.1989, 101.9859



53.3060, 53.1989, 28.1291

Square

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



54.8380, 53.1989, 101.9859



64.2294, 53.1989, 46.8113



46.5180, 53.1989, 28.8294



38.9889, 53.1989, 70.6706

Rectangle

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



54.8380, 53.1989, 101.9859



63.9103, 53.1989, 73.1470



46.5180, 53.1989, 28.8294



39.2184, 53.1989, 44.9757

Sweetspot

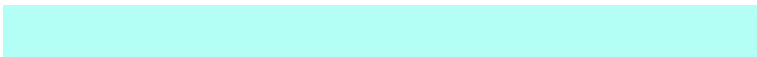
The Sweet Spot groups the original color and five complimentary colors.



54.8396, 53.2009, 101.9862



81.0733, 83.8409, 106.5176



70.8123, 87.6886, 99.4733



16.9021, 17.4224, 22.7220



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.



54.8396, 53.2009, 101.9862



48.5797, 45.7967, 100.8870



59.8663, 52.7081, 101.6261



17.1957, 17.7629, 22.7722



9.7827, 4.4750, 49.7827



1.0094, 0.5494, 4.8661

Inverse Universe

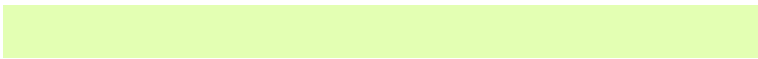
The Inverse Universe completely reimagines the original color for something new.



66.5465, 57.1759, 55.6749



62.1381, 50.6316, 47.1995



75.6181, 91.1276, 56.2535



18.1067, 18.0260, 19.1788



21.7261, 11.1797, 1.9419



2.1441, 1.1000, 0.3402

Previews

White Background



This preview shows how the XYZ color 54.8380, 53.1989, 101.9859 looks on a white background.

Color Contrast Check

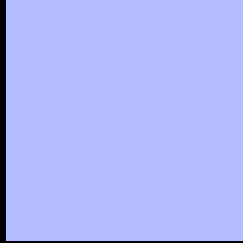
Large Text (above 18pt) WCAG AA × Fail

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 54.8380, 53.1989, 101.9859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

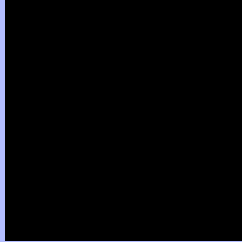
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.8380, 53.1989, 101.9859

Background



This preview shows how black text looks on a background with the XYZ color 54.8380, 53.1989, 101.9859.



This preview shows how white text looks on a background with the XYZ color 54.8380, 53.1989,

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

54.8380, 53.1989, 101.9859

Protanopia

54.1427, 53.1609, 102.0152

Deuteranopia

54.5949, 53.3940, 102.0364



Tritanopia

48.5541, 53.2826, 70.6763

Trichromacy



Original Color

54.8380, 53.1989, 101.9859

Protanomaly

54.3680, 53.2770, 102.0257

Deuteranomaly

54.8236, 53.5119, 102.0471

Tritanomaly

50.5290, 53.0692, 80.9790

Monochromacy



Original Color

54.8380, 53.1989, 101.9859

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.2306, 53.4760, 72.5348

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8380, 53.1989, 101.9859 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(179, 189, 255)` looks like.

```
.text, #text, p{  
    color:rgb(179, 189, 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(179, 189, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 189, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.8380, 53.1989, 101.9859 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(179, 189, 255) }
```


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

```
.border{ border-color:rgb(179, 189, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 189, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 189, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 189, 255);  
box-shadow:4px 4px 4px 4px rgb(179, 189,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8380, 53.1989, 101.9859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 189, 255) }
```

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

```
.background{ background-color: rgb(179,  
189, 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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