

Converting Colors

XYZ(54.4471, 53.0159,
101.1294)

Have a look what the booklet for
XYZ(54.4471, 53.0159, 101.1294)
contains.

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Color

**XYZ(54.4471, 53.0159,
101.1294)**

Conversions

Conversions Part 1

Format	Color
Hex	B2BDFE
RGB	178, 189, 254
RGB Percent	70%, 74%, 100%
CMY	0.3019, 0.2588, 0.0039
CMYK	0.30, 0.26, 0.00, 0.00
HSL	231°, 97%, 85%
HSV	231°, 30%, 100%
XYZ	54.4471, 53.0159, 101.1294
YIQ	193.1210, -27.4210, 17.8830

Conversions

Conversions Part 2

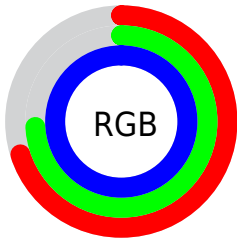
Format	Color
R _Y B	178, 188, 254
Decimal	11714046
CIE Lab	77.88, 10.58, -33.27
CIE LCh	78, 34.908, 287.645
Yxy	53.0159, 0.2610, 0.2542
Android (android.graphics.Color)	4289904126 (0xFFB2BDFE)
YUV	193.1210, 30.0133, -13.2611
Hunter-Lab	72.8120, 6.0570, -31.3801

Details

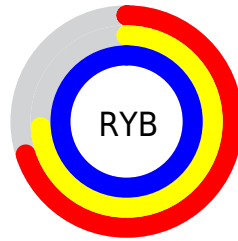
The XYZ color **54.4471, 53.0159, 101.1294** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.9606, 88.3874, 54.9148**, and the grayscale version is **50.6018, 53.2370, 57.9751**.

A 20% lighter version of the original color is **84.9634, 90.1870, 107.5375**, and **27.0506, 25.8505, 56.3872** is the 20% darker color. If you saturate the color by 10%, you get **44.8218, 41.6297, 99.4399**, and if you desaturate by 10%, it is **65.8548, 66.3622, 103.1052**.

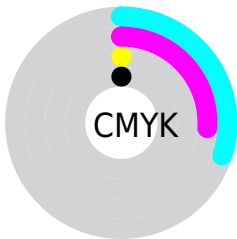
Distribution



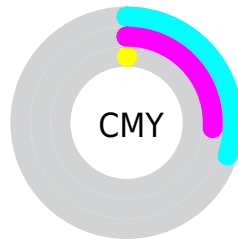
- Red (70%)
- Green (74%)
- Blue (100%)



- 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 54.4471, 53.0159, 101.1294 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 54.4471, 53.0159, 101.1294 by changing the saturation by 10% instead.

■ 54.4471, 53.0159,
101.1294

■ 54.4471, 53.0159,
101.1294

393.9832,
398.3461, 585.0852

■ 39.1913, 37.8155,
76.6220

■ 95.8835, 94.6278,
164.7738

■ 27.0900, 25.8395,
56.4329

122.7947,
121.8080, 204.7478

■ 17.7778, 16.7036,
40.1438

154.3219,
153.7502, 250.7143

■ 10.8893, 10.0234,
27.3361

190.8303,
190.8390, 303.0921

■ 6.0592, 5.4145,
17.5911

232.6852,
233.4585, 362.2995

■ 2.9221, 2.4924,
10.4904

280.2522,

■ 1.1127, 0.8729,

281.9933, 428.7551

5.6155

333.8964,
336.8277, 502.8775

■ 0.0357, 0.0000,
2.5477

■ 0.0000, 0.0000,
0.8653

■ 54.4471, 53.0159,
101.1294

■ 54.4471, 53.0159,
101.1294

■ 44.8218, 41.6297,
99.4399

■ 65.8548, 66.3622,
103.1052

■ 36.8829, 32.1047,
98.0198

■ 79.1238, 81.7490,
105.3758

■ 30.5335, 24.3425,
96.8562

■ 94.3345, 99.2596,
107.9540

■ 25.6643, 18.2331,
95.9336

■ 94.8896, 99.9358,
108.0552

■ 22.1519, 13.6536,
95.2348

■ 19.8521, 10.4635,
94.7402

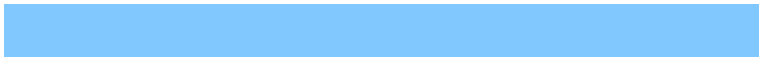
■ 18.5518, 8.4764,
94.4252

■ 18.5438, 8.4644,
94.4233

Harmonies

Analogous

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



47.6511, 53.0159, 102.4316



54.4471, 53.0159, 101.1294



60.6540, 53.0159, 86.7188

Triad

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



54.4471, 53.0159, 101.1294



59.6959, 53.0159, 34.2914



38.6950, 53.0159, 50.0977

Complementary

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



54.4471, 53.0159, 101.1294



80.9606, 88.3874, 54.9148

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.



41.3547, 53.0159, 36.0430



54.4471, 53.0159, 101.1294



53.2320, 53.0159, 28.3894

Square

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



54.4471, 53.0159, 101.1294



63.8662, 53.0159, 47.1286



46.5397, 53.0159, 28.9490



38.9568, 53.0159, 69.8020

Rectangle

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



54.4471, 53.0159, 101.1294



63.4380, 53.0159, 73.1264



46.5397, 53.0159, 28.9490



39.2664, 53.0159, 44.6543

Sweetspot

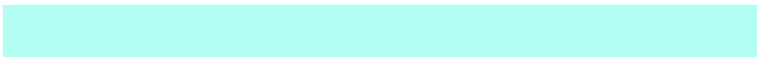
The Sweet Spot groups the original color and five complimentary colors.



54.4489, 53.0180, 101.1306



81.1598, 84.0140, 106.5465



69.9206, 86.7968, 97.5471



16.9233, 17.4646, 22.7290



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.



54.4489, 53.0180, 101.1306



48.8163, 46.2698, 100.9658



58.8781, 51.9208, 100.6854



17.2151, 17.8018, 22.7787



9.8393, 4.5881, 49.8016



1.0185, 0.5676, 4.8692

Inverse Universe

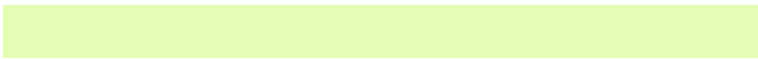
The Inverse Universe completely reimagines the original color for something new.



65.9803, 56.5875, 55.5911



62.2575, 50.6794, 47.8283



75.2839, 90.4952, 55.6208



18.1165, 18.0299, 19.2305



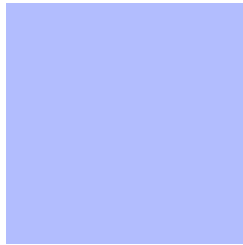
21.7546, 11.1911, 2.0923



2.1487, 1.1018, 0.3644

Previews

White Background



This preview shows how the XYZ color 54.4471, 53.0159, 101.1294 looks on a white background.

Color Contrast Check

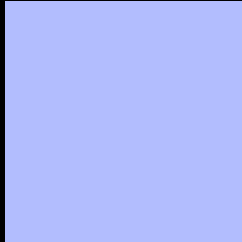
Large Text (above 18pt) WCAG AA × Fail

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 54.4471, 53.0159, 101.1294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

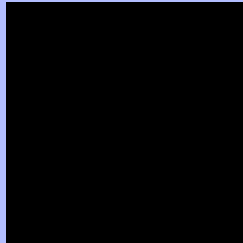
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4471, 53.0159, 101.1294

Background



This preview shows how black text looks on a background with the XYZ color 54.4471, 53.0159, 101.1294.



This preview shows how white text looks on a background with the XYZ color 54.4471, 53.0159,

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

54.4471, 53.0159, 101.1294

Protanopia

53.9190, 53.0456, 102.0047

Deuteranopia

54.2185, 52.8981, 101.1187



Tritanopia

48.2121, 53.1210, 69.9997

Trichromacy



Original Color

54.4471, 53.0159, 101.1294

Protanomaly

54.1427, 53.1609, 102.0152

Deuteranomaly

54.2185, 52.8981, 101.1187

Tritanomaly

50.1702, 52.9003, 80.2396

Monochromacy



Original Color

54.4471, 53.0159, 101.1294

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.8544, 53.2969, 71.8443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4471, 53.0159, 101.1294 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(178, 189, 254)` looks like.

```
.text, #text, p{  
    color:rgb(178, 189, 254)  
}
```

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(178, 189, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 189, 254) }
```

Border

The CSS property to change the border of an element to XYZ 54.4471, 53.0159, 101.1294 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(178, 189, 254) }
```


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

```
.border{ border-color:rgb(178, 189, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 189, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 189, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 189, 254);  
box-shadow:4px 4px 4px 4px rgb(178, 189,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4471, 53.0159, 101.1294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 189, 254) }
```

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

```
.background{ background-color: rgb(178,  
189, 254) }
```

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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