

Converting Colors

XYZ(53.6561, 51.0063,
101.6250)

Have a look what the booklet for
XYZ(53.6561, 51.0063, 101.6250)
contains.

XYZ(53.7809, 51.0847, 101.6335)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.7809, 51.0847,
101.6335)**

Conversions

Conversions Part 1

Format	Color
Hex	B3B8FF
RGB	179, 184, 255
RGB Percent	70%, 72%, 100%
CMY	0.2980, 0.2784, 0.0000
CMYK	0.30, 0.28, 0.00, 0.00
HSL	236°, 100%, 85%
HSV	236°, 30%, 100%
XYZ	53.7809, 51.0847, 101.6335
YIQ	190.5990, -25.7710, 21.0210

Conversions

Conversions Part 2

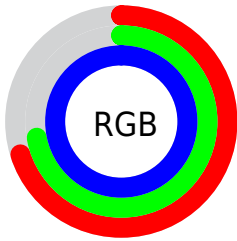
Format	Color
R_{YB}	179, 184, 255
Decimal	11778303
CIE _{Lab}	76.73, 13.86, -35.58
CIE _{LCh}	77, 38.182, 291.277
Yxy	51.0847, 0.2604, 0.2474
Android (android.graphics.Color)	4289968383 (0xFFB3B8FF)
YUV	190.5990, 31.7497, -10.1723
Hunter-Lab	71.4736, 9.2351, -34.2773

Details

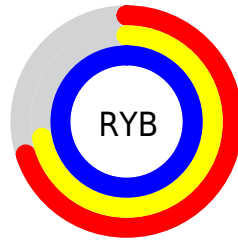
The XYZ color **53.7809, 51.0847, 101.6335** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.5626, 92.8859, 56.1742**, and the grayscale version is **49.1234, 51.6817, 56.2814**.

A 20% lighter version of the original color is **83.8022, 87.3730, 107.0556**, and **26.6215, 24.5949, 56.7703** is the 20% darker color. If you saturate the color by 10%, you get **43.8844, 39.2460, 99.8700**, and if you desaturate by 10%, it is **65.6035, 65.1555, 103.7263**.

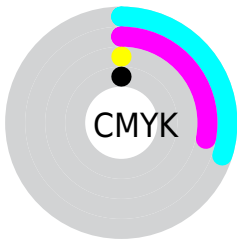
Distribution



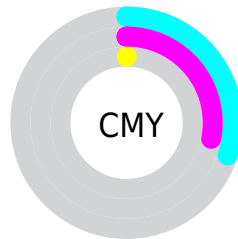
- Red (70%)
- Green (72%)
- Blue (100%)



- Red (70%)
- Yellow (72%)
- Blue (100%)



- Cyan (30%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7809, 51.0847, 101.6335 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 53.7809, 51.0847, 101.6335 by changing the saturation by 10% instead.

■ 53.7809, 51.0847,
101.6335

■ 53.7809, 51.0847,
101.6335

391.4860,
390.8928, 586.7086

■ 38.6565, 36.2760,
77.0410

■ 94.9112, 91.7800,
165.4716

■ 26.6721, 24.6474,
56.7747

121.6479,
118.4353, 205.5542

■ 17.4624, 15.8146,
40.4163

152.9860,
149.8084, 251.6373

■ 10.6621, 9.3930,
27.5470

189.2910,
186.2835, 304.1394

■ 5.9057, 4.9984,
17.7484

230.9281,
228.2451, 363.4791

■ 2.8279, 2.2463,
10.6019

278.2627,

■ 1.0634, 0.7451,

276.0776, 430.0748

5.6891

331.6602,
330.1654, 504.3451

■ 0.0000, 0.0000,
2.5912

■ 0.0000, 0.0000,
0.8879

■ 53.7809, 51.0847,
101.6335

■ 53.7809, 51.0847,
101.6335

■ 43.8844, 39.2460,
99.8700

■ 65.6035, 65.1555,
103.7263

■ 35.8074, 29.5191,
98.4182

■ 79.4419, 81.5589,
106.1631

■ 29.4403, 21.7815,
97.2603

95.0500, 100.0000,
108.9000

■ 24.6595, 15.8953,
96.3761

■ 21.3249, 11.7052,
95.7431

■ 19.2715, 9.0304,
95.3351

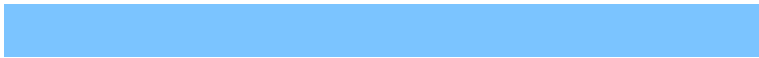
■ 18.2606, 7.6319,
95.1184

■ 18.2470, 7.6140,
95.1157

Harmonies

Analogous

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



46.4747, 51.0847, 105.0419



53.7809, 51.0847, 101.6335



60.2396, 51.0847, 84.4608

Triad

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



53.7809, 51.0847, 101.6335



57.7894, 51.0847, 29.9649



36.0585, 51.0847, 49.7953

Complementary

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



53.7809, 51.0847, 101.6335



83.5626, 92.8859, 56.1742

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.



38.4875, 51.0847, 34.2326



53.7809, 51.0847, 101.6335



50.6954, 51.0847, 24.7993

Square

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



53.7809, 51.0847, 101.6335



62.7091, 51.0847, 42.3786



43.6781, 51.0847, 26.1391



36.7082, 51.0847, 71.3730

Rectangle

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



53.7809, 51.0847, 101.6335



62.9610, 51.0847, 69.4198



43.6781, 51.0847, 26.1391



36.5324, 51.0847, 43.7864

Sweetspot

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



53.7825, 51.0866, 101.6338



80.6426, 82.9796, 106.3741



71.5961, 88.0021, 103.6005



16.7971, 17.2122, 22.6869



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.



53.7825, 51.0866, 101.6338



47.4279, 43.4930, 100.5030



61.3035, 53.4490, 101.6934



17.0989, 17.5695, 22.7400



9.5702, 4.0499, 49.7119



0.9638, 0.4584, 4.8509

Inverse Universe

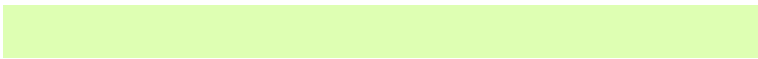
The Inverse Universe completely reimagines the original color for something new.



66.0129, 56.9624, 52.8650



61.5567, 50.3991, 44.1380



74.0421, 90.3152, 56.1798



18.0578, 18.0064, 18.9217



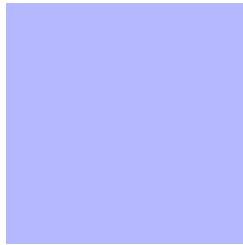
21.6188, 11.1368, 1.3770



2.1211, 1.0908, 0.2192

Previews

White Background



This preview shows how the XYZ color 53.7809, 51.0847, 101.6335 looks on a white background.

Color Contrast Check

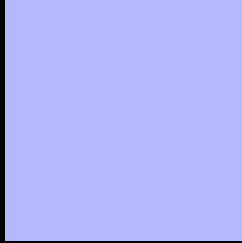
Large Text (above 18pt) WCAG AA × Fail

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 53.7809, 51.0847, 101.6335 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 53.7809, 51.0847, 101.6335

Background



This preview shows how black text looks on a background with the XYZ color 53.7809, 51.0847, 101.6335.



This preview shows how white text looks on a background with the XYZ color 53.7809, 51.0847,

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

53.7809, 51.0847, 101.6335

Protanopia

52.3979, 51.3067, 101.7493

Deuteranopia

52.2429, 50.9315, 100.8432



Tritanopia

46.8173, 51.1290, 67.0759

Trichromacy



Original Color

53.7809, 51.0847, 101.6335

Protanomaly

52.8425, 51.2220, 101.7095

Deuteranomaly

52.6939, 50.8524, 100.8041

Tritanomaly

49.2376, 51.1474, 78.5115

Monochromacy



Original Color

53.7809, 51.0847, 101.6335

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.6143, 51.3863, 70.8692

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7809, 51.0847, 101.6335 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, 184, 255)` looks like.

```
.text, #text, p{  
    color:rgb(179, 184, 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, 184, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 184, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.7809, 51.0847, 101.6335 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, 184, 255) }
```


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

```
.border{ border-color:rgb(179, 184, 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, 184, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 184, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 184, 255);  
box-shadow:4px 4px 4px 4px rgb(179, 184,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7809, 51.0847, 101.6335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 184, 255) }
```

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

```
.background{ background-color: rgb(179,  
184, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor