

Converting Colors

XYZ(54.5818, 51.2404,
101.6214)

Have a look what the booklet for
XYZ(54.5818, 51.2404, 101.6214)
contains.

XYZ(54.5119, 51.1543, 101.6084)	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(54.5119, 51.1543,
101.6084)**

Conversions

Conversions Part 1

Format	Color
Hex	B7B7FF
RGB	183, 183, 255
RGB Percent	72%, 72%, 100%
CMY	0.2823, 0.2823, 0.0000
CMYK	0.28, 0.28, 0.00, 0.00
HSL	240°, 100%, 86%
HSV	240°, 28%, 100%
XYZ	54.5119, 51.1543, 101.6084
YIQ	191.2080, -23.1120, 22.3920

Conversions

Conversions Part 2

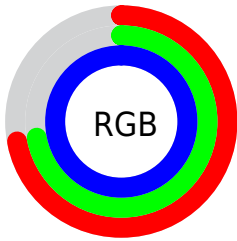
Format	Color
RYB	183, 183, 255
Decimal	12040191
CIELab	76.77, 15.54, -35.49
CIElCh	77, 38.743, 293.646
Yxy	51.1543, 0.2630, 0.2468
Android (android.graphics.Color)	4290230271 (0xFFB7B7FF)
YUV	191.2080, 31.4495, -7.1984
Hunter-Lab	71.5222, 10.8829, -34.1651

Details

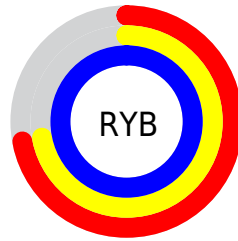
The XYZ color **54.5119, 51.1543, 101.6084** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.5473, 96.1985, 58.8608**, and the grayscale version is **49.4761, 52.0527, 56.6854**.

A 20% lighter version of the original color is **84.8517, 87.4783, 107.0206**, and **27.0778, 24.6317, 56.7533** is the 20% darker color. If you saturate the color by 10%, you get **44.1954, 38.7237, 99.7528**, and if you desaturate by 10%, it is **66.8830, 66.0607, 103.8336**.

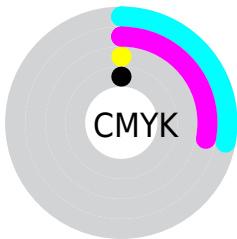
Distribution



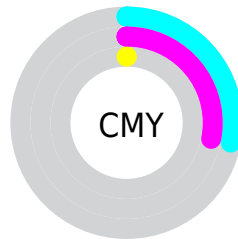
- Red (72%)
- Green (72%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5119, 51.1543, 101.6084 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 54.5119, 51.1543, 101.6084 by changing the saturation by 10% instead.

■ 54.5119, 51.1543,
101.6084

■ 54.5119, 51.1543,
101.6084

394.2256,
391.1630, 586.6278

■ 39.2434, 36.3314,
77.0201

■ 95.9779, 91.8828,
165.4369

■ 27.1307, 24.6903,
56.7577

122.9062,
118.5572, 205.5141

■ 17.8085, 15.8464,
40.4027

154.4517,
149.9510, 251.5914

■ 10.9114, 9.4156,
27.5365

190.9798,
186.4484, 304.0873

■ 6.0742, 5.0132,
17.7406

232.8559,
228.4339, 363.4204

■ 2.9313, 2.2550,
10.5964

280.4453,

■ 1.1175, 0.7497,

276.2919, 430.0091

5.6854

334.1134,
330.4068, 504.2721

■ 0.0397, 0.0000,
2.5891

■ 0.0000, 0.0000,
0.8868

■ 54.5119, 51.1543,
101.6084

■ 54.5119, 51.1543,
101.6084

■ 44.1954, 38.7237,
99.7528

■ 66.8830, 66.0607,
103.8336

■ 35.8181, 28.6295,
98.2460

■ 81.4065, 83.5605,
106.4459

■ 29.2600, 20.7275,
97.0664

95.0500, 100.0000,
108.9000

■ 24.3864, 14.8551,
96.1898

■ 21.0436, 10.8271,
95.5885

■ 19.0499, 8.4249,
95.2299

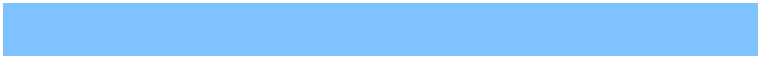
■ 18.1553, 7.3469,
95.0689

■ 18.0500, 7.2201,
95.0500

Harmonies

Analogous

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



47.0733, 51.1543, 106.3834



54.5119, 51.1543, 101.6084



60.9134, 51.1543, 83.2995

Triad

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



54.5119, 51.1543, 101.6084



57.4881, 51.1543, 29.0475



35.8843, 51.1543, 51.3380

Complementary

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



54.5119, 51.1543, 101.6084



85.5473, 96.1985, 58.8608

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.



38.1040, 51.1543, 34.9866



54.5119, 51.1543, 101.6084



50.2015, 51.1543, 24.3799

Square

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



54.5119, 51.1543, 101.6084



62.7492, 51.1543, 40.9911



43.1699, 51.1543, 26.2409



36.7900, 51.1543, 73.5596

Rectangle

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



54.5119, 51.1543, 101.6084



63.4807, 51.1543, 67.8895



43.1699, 51.1543, 26.2409



36.2819, 51.1543, 45.0617

Sweetspot

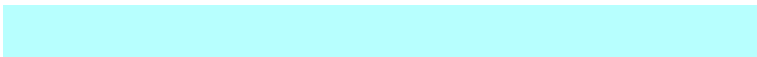
The Sweet Spot groups the original color and five complimentary colors.



54.5135, 51.1562, 101.6087



81.7730, 84.0022, 106.5119



73.1466, 88.7306, 106.8696



17.0031, 17.3778, 22.7080



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.



54.5135, 51.1562, 101.6087



48.3207, 43.6943, 100.4948



63.8383, 55.9631, 102.0451



17.0031, 17.3778, 22.7080



9.4315, 3.7727, 49.6657



0.9183, 0.3673, 4.8358

Inverse Universe

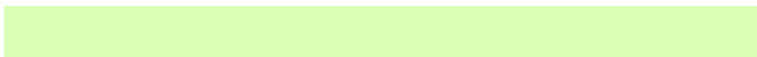
The Inverse Universe completely reimagines the original color for something new.



66.7218, 58.5473, 52.5860



62.3940, 52.2146, 43.9829



73.8838, 90.1861, 58.3150



18.0095, 17.9871, 18.6670



21.5488, 11.1088, 1.0085



2.0981, 1.0816, 0.0982

Previews

White Background



This preview shows how the XYZ color 54.5119, 51.1543, 101.6084 looks on a white background.

Color Contrast Check

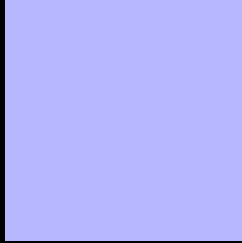
Large Text (above 18pt) WCAG AA × Fail

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 54.5119, 51.1543, 101.6084 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 54.5119, 51.1543, 101.6084

Background



This preview shows how black text looks on a background with the XYZ color 54.5119, 51.1543, 101.6084.

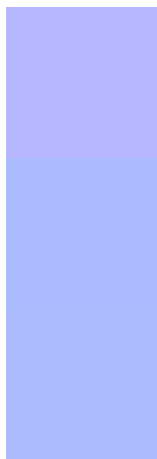


This preview shows how white text looks on a background with the XYZ color 54.5119, 51.1543,

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

54.5119, 51.1543, 101.6084

Protanopia

52.3979, 51.3067, 101.7493

Deuteranopia

52.4543, 51.3543, 100.9137



Tritanopia

47.3457, 51.0885, 66.3972

Trichromacy



Original Color

54.5119, 51.1543, 101.6084

Protanomaly

53.2881, 51.4518, 101.7303

Deuteranomaly

53.1275, 51.3875, 100.8846

Tritanomaly

49.7836, 51.1241, 77.7651

Monochromacy



Original Color

54.5119, 51.1543, 101.6084

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.8599, 51.5128, 70.8807

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5119, 51.1543, 101.6084 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(183, 183, 255)` looks like.

```
.text, #text, p{  
    color:rgb(183, 183, 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(183, 183, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 183, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.5119, 51.1543, 101.6084 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(183, 183, 255) }
```


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

```
.border{ border-color:rgb(183, 183, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 183, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 183, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 183, 255);  
box-shadow:4px 4px 4px 4px rgb(183, 183,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5119, 51.1543, 101.6084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 183, 255) }
```

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

```
.background{ background-color: rgb(183,  
183, 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