

Converting Colors

XYZ(51.5923, 50.5158,
101.6391)

Have a look what the booklet for
XYZ(51.5923, 50.5158, 101.6391)
contains.

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Color

**XYZ(51.5453, 50.5533,
101.6488)**

Conversions

Conversions Part 1

Format	Color
Hex	A7BAFF
RGB	167, 186, 255
RGB Percent	65%, 73%, 100%
CMY	0.3451, 0.2706, 0.0000
CMYK	0.35, 0.27, 0.00, 0.00
HSL	227°, 100%, 83%
HSV	227°, 35%, 100%
XYZ	51.5453, 50.5533, 101.6488
YIQ	188.1850, -33.4730, 17.4310

Conversions

Conversions Part 2

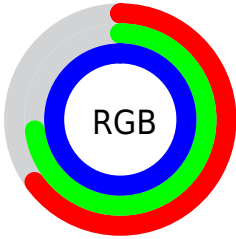
Format	Color
R_{YB}	167, 183, 255
Decimal	10992383
CIE Lab	76.41, 9.43, -36.15
CIE LCh	76, 37.356, 284.629
Yxy	50.5533, 0.2530, 0.2481
Android (android.graphics.Color)	4289182463 (0xFFA7BAFF)
YUV	188.1850, 32.9398, -18.5792
Hunter-Lab	71.1008, 4.9790, -34.9929

Details

The XYZ color **51.5453, 50.5533, 101.6488** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.2111, 84.0415, 48.6607**, and the grayscale version is **47.7388, 50.2249, 54.6949**.

A 20% lighter version of the original color is **80.5426, 86.5716, 107.0727**, and **25.2627, 24.2970, 56.7844** is the 20% darker color. If you saturate the color by 10%, you get **42.7583, 40.2028, 100.1140**, and if you desaturate by 10%, it is **61.9869, 62.6339, 103.4302**.

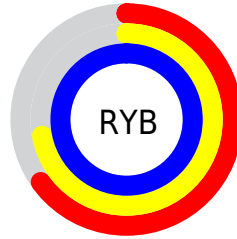
Distribution



Red (65%)

Green (73%)

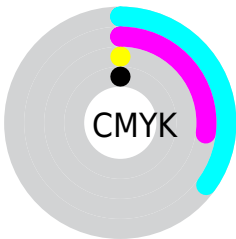
Blue (100%)



Red (65%)

Yellow (72%)

Blue (100%)

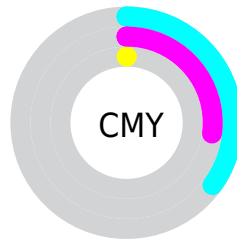


Cyan (35%)

Magenta (27%)

Yellow (0%)

Black (0%)



Cyan (35%)

Magenta (27%)

Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.5453, 50.5533, 101.6488 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 51.5453, 50.5533, 101.6488 by changing the saturation by 10% instead.

■ 51.5453, 50.5533,
101.6488

■ 51.5453, 50.5533,
101.6488

383.0315,
388.8258, 586.7578

■ 36.8656, 35.8532,
77.0537

■ 91.6385, 90.9941,
165.4928

■ 25.2766, 24.3209,
56.7851

■ 117.7827,
117.5037, 205.5787

■ 16.4131, 15.5718,
40.4245

148.4791,
148.7185, 251.6653

■ 9.9096, 9.2217,
27.5534

184.0931,
185.0230, 304.1712

■ 5.4009, 4.8861,
17.7532

224.9899,
226.8016, 363.5148

■ 2.5215, 2.1806,
10.6053

271.5351,

■ 0.9061, 0.7094,

274.4387, 430.1148

5.6913

324.0938,
328.3186, 504.3896

■ 0.0000, 0.0000,
2.5926

■ 0.0000, 0.0000,
0.8886

■ 51.5453, 50.5533,
101.6488

■ 51.5453, 50.5533,
101.6488

■ 42.7583, 40.2028,
100.1140

■ 61.9869, 62.6339,
103.4302

■ 35.5342, 31.4956,
98.8141

■ 74.1589, 76.5144,
105.4679

■ 29.7791, 24.3460,
97.7375

■ 88.1380, 92.2677,
107.7718

■ 25.3870, 18.6574,
96.8709

■ 95.0500, 100.0000,
108.9000

■ 22.2363, 14.3219,
96.2002

■ 20.1816, 11.2142,
95.7086

■ 19.4189, 9.9578,
95.5063

Harmonies

Analogous

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



44.5542, 50.5533, 101.4535



51.5453, 50.5533, 101.6488



58.1863, 50.5533, 87.4522

Triad

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



51.5453, 50.5533, 101.6488



58.3271, 50.5533, 32.0783



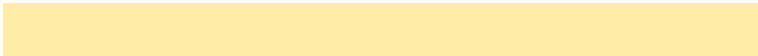
36.1570, 50.5533, 45.4056

Complementary

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



51.5453, 50.5533, 101.6488



78.2111, 84.0415, 48.6607

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.



39.1640, 50.5533, 31.8315



51.5453, 50.5533, 101.6488



51.7228, 50.5533, 25.5150

Square

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



51.5453, 50.5533, 101.6488



62.3534, 50.5533, 45.8330



44.7152, 50.5533, 25.4374



36.1195, 50.5533, 65.4130

Rectangle

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



51.5453, 50.5533, 101.6488



61.3291, 50.5533, 73.3564



44.7152, 50.5533, 25.4374



36.8400, 50.5533, 40.0649

Sweetspot

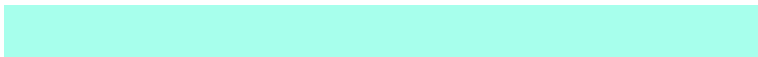
The Sweet Spot groups the original color and five complimentary colors.



51.5468, 50.5552, 101.6491



80.2328, 83.3803, 106.4730



66.8280, 85.7882, 92.3434



16.7593, 17.3799, 22.7213



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.



51.5468, 50.5552, 101.6491



45.6587, 43.6429, 100.6252



53.5916, 46.0571, 100.6731



17.3209, 18.0134, 22.8140



10.2346, 5.3788, 49.9334



1.0722, 0.6751, 4.8871

Inverse Universe

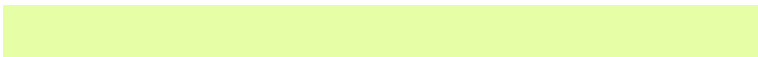
The Inverse Universe completely reimagines the original color for something new.



63.9228, 52.4443, 53.2099



59.7634, 46.2346, 45.3213



75.3903, 91.1444, 50.1804



18.1699, 18.0513, 19.5116



21.9542, 11.2710, 3.1431



2.1758, 1.1127, 0.5072

Previews

White Background



This preview shows how the XYZ color 51.5453, 50.5533, 101.6488 looks on a white background.

Color Contrast Check

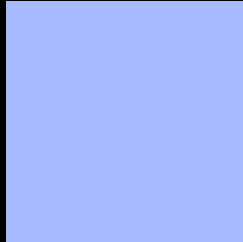
Large Text (above 18pt) WCAG AA × Fail

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 51.5453, 50.5533, 101.6488 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 51.5453, 50.5533, 101.6488

Background



This preview shows how black text looks on a background with the XYZ color 51.5453, 50.5533, 101.6488.



This preview shows how white text looks on a background with the XYZ color 51.5453, 50.5533,

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

51.5453, 50.5533, 101.6488

Protanopia

51.7574, 50.6626, 101.6587

Deuteranopia

51.9711, 50.7728, 101.6687



Tritanopia

44.8293, 50.4048, 68.3391

Trichromacy



Original Color

51.5453, 50.5533, 101.6488

Protanomaly

51.7574, 50.6626, 101.6587

Deuteranomaly

51.7574, 50.6626, 101.6587

Tritanomaly

47.0562, 50.3297, 79.1860

Monochromacy



Original Color

51.5453, 50.5533, 101.6488

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.4764, 49.9974, 69.3828

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5453, 50.5533, 101.6488 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(167, 186, 255)` looks like.

```
.text, #text, p{  
    color:rgb(167, 186, 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(167, 186, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 186, 255) }
```

Border

The CSS property to change the border of an element to XYZ 51.5453, 50.5533, 101.6488 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(167, 186, 255) }
```


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

```
.border{ border-color:rgb(167, 186, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 186, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 186, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 186, 255);  
box-shadow:4px 4px 4px 4px rgb(167, 186,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5453, 50.5533, 101.6488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 186, 255) }
```

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

```
.background{ background-color: rgb(167,  
186, 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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