

Converting Colors

XYZ(52.5850, 51.4958,
111.5844)

Have a look what the booklet for
XYZ(52.5850, 51.4958, 111.5844)
contains.

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Color

**XYZ(50.7312, 50.7635,
101.7323)**

Conversions

Conversions Part 1

Format	Color
Hex	A1BCFF
RGB	161, 188, 255
RGB Percent	63%, 74%, 100%
CMY	0.3686, 0.2627, 0.0000
CMYK	0.37, 0.26, 0.00, 0.00
HSL	223°, 100%, 82%
HSV	223°, 37%, 100%
XYZ	50.7312, 50.7635, 101.7323
YIQ	187.5650, -37.5990, 15.1130

Conversions

Conversions Part 2

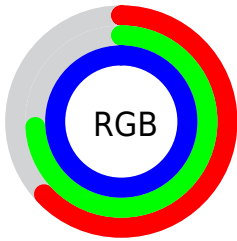
Format	Color
RYB	161, 182, 255
Decimal	10599679
CIELab	76.54, 6.73, -35.98
CIElCh	77, 36.601, 280.588
Yxy	50.7635, 0.2496, 0.2498
Android (android.graphics.Color)	4288789759 (0xFFA1BCFF)
YUV	187.5650, 33.2455, -23.2975
Hunter-Lab	71.2485, 2.4128, -34.7834

Details

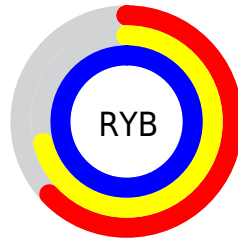
The XYZ color **50.7312, 50.7635, 101.7323** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **75.4171, 79.3208, 45.0558**, and the grayscale version is **47.3877, 49.8556, 54.2927**.

A 20% lighter version of the original color is **79.3141, 86.8268, 107.1867**, and **24.8009, 24.4693, 56.8420** is the 20% darker color. If you saturate the color by 10%, you get **42.4655, 41.0978, 100.3022**, and if you desaturate by 10%, it is **60.5368, 61.9511, 103.3749**.

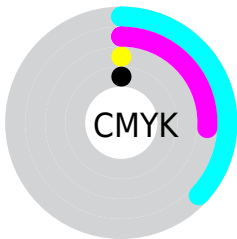
Distribution



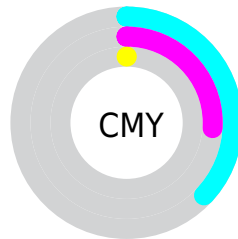
- Red (63%)
- Green (74%)
- Blue (100%)



- Red (63%)
- Yellow (71%)
- Blue (100%)



- Cyan (37%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (37%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.7312, 50.7635, 101.7323 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 50.7312, 50.7635, 101.7323 by changing the saturation by 10% instead.

■ 50.7312, 50.7635,
101.7323

■ 50.7312, 50.7635,
101.7323

379.9234,
389.6442, 587.0265

■ 36.2149, 36.0204,
77.1231

■ 90.4427, 91.3051,
165.6083

■ 24.7711, 24.4500,
56.8418

■ 116.3686,
117.8724, 205.7122

■ 16.0344, 15.6677,
40.4697

146.8284,
149.1499, 251.8181

■ 9.6395, 9.2894,
27.5884

182.1874,
185.5220, 304.3446

■ 5.2210, 4.9304,
17.7793

222.8111,
227.3731, 363.7101

■ 2.4136, 2.2065,
10.6238

269.0648,

■ 0.8519, 0.7235,

275.0876, 430.3332

5.7035

321.3138,
329.0498, 504.6325

■ 0.0000, 0.0000,
2.5998

■ 0.0000, 0.0000,
0.8923

■ 50.7312, 50.7635,
101.7323

■ 50.7312, 50.7635,
101.7323

■ 42.4655, 41.0978,
100.3022

■ 60.5368, 61.9511,
103.3749

■ 35.6528, 32.8790,
99.0749

■ 71.9536, 74.7196,
105.2377

■ 30.2044, 26.0341,
98.0409

■ 85.0537, 89.1315,
107.3290

■ 26.0190, 20.4802,
97.1895

■ 95.0500, 100.0000,
108.9000

■ 22.9798, 16.1244,
96.5089

■ 20.9426, 12.8565,
95.9855

■ 20.4487, 12.0174,
95.8496

Harmonies

Analogous

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



43.9678, 50.7635, 99.4741



50.7312, 50.7635, 101.7323



57.4174, 50.7635, 89.4866

Triad

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



50.7312, 50.7635, 101.7323



59.0555, 50.7635, 34.0332



36.7745, 50.7635, 43.5691

Complementary

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



50.7312, 50.7635, 101.7323



75.4171, 79.3208, 45.0558

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.



40.1129, 50.7635, 31.1249



50.7312, 50.7635, 101.7323



52.7999, 50.7635, 26.5976

Square

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



50.7312, 50.7635, 101.7323



62.5190, 50.7635, 48.5735



45.8495, 50.7635, 25.6782



36.3349, 50.7635, 62.5614

Rectangle

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



50.7312, 50.7635, 101.7323



60.7695, 50.7635, 76.1379



45.8495, 50.7635, 25.6782



37.5787, 50.7635, 38.6171

Sweetspot

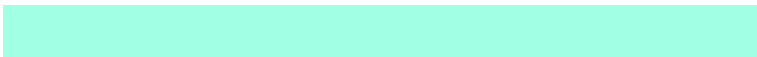
The Sweet Spot groups the original color and five complimentary colors.



50.7327, 50.7654, 101.7325



79.4231, 82.9634, 106.4352



64.2965, 84.6326, 85.4763



16.6188, 17.3385, 22.7207



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.



50.7327, 50.7654, 101.7325



44.6785, 43.7126, 100.6903



49.5723, 42.3910, 100.1773



17.4279, 18.2275, 22.8497



10.7946, 6.4987, 50.1200



1.1397, 0.8101, 4.9096

Inverse Universe

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



63.0631, 50.3822, 53.9798



58.7731, 43.9412, 45.9556



76.8522, 91.9606, 47.4199



18.2239, 18.0729, 19.7962



22.2368, 11.3840, 4.6314



2.2099, 1.1263, 0.6866

Previews

White Background



This preview shows how the XYZ color 50.7312, 50.7635, 101.7323 looks on a white background.

Color Contrast Check

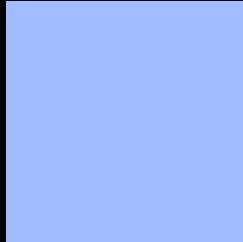
Large Text (above 18pt) WCAG AA × Fail

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 50.7312, 50.7635, 101.7323 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 50.7312, 50.7635, 101.7323

Background



This preview shows how black text looks on a background with the XYZ color 50.7312, 50.7635, 101.7323.



This preview shows how white text looks on a background with the XYZ color 50.7312, 50.7635,

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

50.7312, 50.7635, 101.7323

Protanopia

51.6507, 50.6447, 99.9816

Deuteranopia

51.9711, 50.7728, 101.6687



Tritanopia

44.3861, 50.8126, 69.7558

Trichromacy



Original Color

50.7312, 50.7635, 101.7323

Protanomaly

51.3856, 50.8034, 100.8637

Deuteranomaly

51.5462, 50.8676, 101.7094

Tritanomaly

46.5911, 50.7099, 80.7312

Monochromacy



Original Color

50.7312, 50.7635, 101.7323

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.2270, 50.1849, 69.4322

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7312, 50.7635, 101.7323 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(161, 188, 255)` looks like.

```
.text, #text, p{  
    color:rgb(161, 188, 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(161, 188, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 188, 255) }
```

Border

The CSS property to change the border of an element to XYZ 50.7312, 50.7635, 101.7323 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(161, 188, 255) }
```


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

```
.border{ border-color:rgb(161, 188, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 188, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 188, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 188, 255);  
box-shadow:4px 4px 4px 4px rgb(161, 188,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7312, 50.7635, 101.7323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 188, 255) }
```

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

```
.background{ background-color: rgb(161,  
188, 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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