

Converting Colors

XYZ(52.9362, 50.4301,
101.5517)

Have a look what the booklet for
XYZ(52.9362, 50.4301, 101.5517)
contains.

XYZ(52.8880, 50.3171, 101.5324)	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(52.8880, 50.3171,
101.5324)**

Conversions

Conversions Part 1

Format	Color
Hex	B0B7FF
RGB	176, 183, 255
RGB Percent	69%, 72%, 100%
CMY	0.3098, 0.2823, 0.0000
CMYK	0.31, 0.28, 0.00, 0.00
HSL	235°, 100%, 85%
HSV	235°, 31%, 100%
XYZ	52.8880, 50.3171, 101.5324
YIQ	189.1150, -27.2840, 20.9080

Conversions

Conversions Part 2

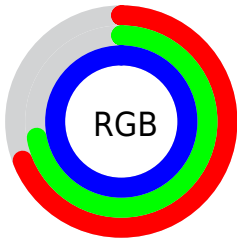
Format	Color
RYB	176, 182, 255
Decimal	11581439
CIELab	76.26, 13.57, -36.32
CIElCh	76, 38.770, 290.482
Yxy	50.3171, 0.2583, 0.2458
Android (android.graphics.Color)	4289771519 (0xFFB0B7FF)
YUV	189.1150, 32.4813, -11.5019
Hunter-Lab	70.9345, 8.9521, -35.2108

Details

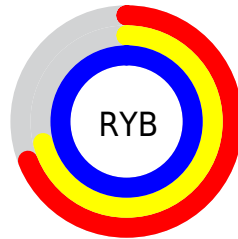
The XYZ color **52.8880, 50.3171, 101.5324** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.6442, 91.5296, 54.3873**, and the grayscale version is **48.2681, 50.7818, 55.3014**.

A 20% lighter version of the original color is **82.5208, 86.2766, 106.9115**, and **26.0608, 24.1074, 56.7057** is the 20% darker color. If you saturate the color by 10%, you get **43.2504, 38.8115, 99.8196**, and if you desaturate by 10%, it is **64.4031, 63.9676, 103.5603**.

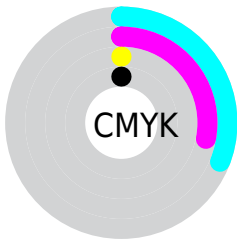
Distribution



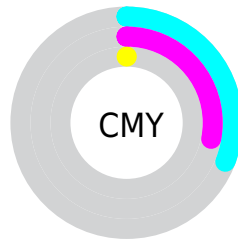
- Red (69%)
- Green (72%)
- Blue (100%)



- Red (69%)
- Yellow (71%)
- Blue (100%)



- Cyan (31%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8880, 50.3171, 101.5324 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 52.8880, 50.3171, 101.5324 by changing the saturation by 10% instead.

■ 52.8880, 50.3171,
101.5324

■ 52.8880, 50.3171,
101.5324

388.1232,
387.9047, 586.3832

■ 37.9405, 35.6654,
76.9569

■ 93.6060, 90.6445,
165.3317

■ 26.1135, 24.1759,
56.7062

120.1073,
117.0891, 205.3925

■ 17.0417, 15.4642,
40.3616

151.1905,
148.2333, 251.4523

■ 10.3597, 9.1458,
27.5047

187.2210,
184.4618, 303.9295

■ 5.7022, 4.8364,
17.7168

228.5641,
226.1587, 363.2426

■ 2.7038, 2.1516,
10.5795

275.5853,

■ 0.9991, 0.6934,

273.7086, 429.8102

5.6743

328.6499,
327.4958, 504.0509

■ 0.0000, 0.0000,
2.5825

■ 0.0000, 0.0000,
0.8834

■ 52.8880, 50.3171,
101.5324

■ 52.8880, 50.3171,
101.5324

■ 43.2504, 38.8115,
99.8196

■ 64.4031, 63.9676,
103.5603

■ 35.3859, 29.3362,
98.4051

■ 77.8832, 79.8586,
105.9171

■ 29.1875, 21.7745,
97.2723

■ 93.4160, 98.0865,
108.6168

■ 24.5340, 15.9954,
96.4021

■ 95.0500, 100.0000,
108.9000

■ 21.2882, 11.8514,
95.7733

■ 19.2879, 9.1710,
95.3613

■ 18.3484, 7.8169,
95.1495

Harmonies

Analogous

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



45.5491, 50.3171, 104.5505



52.8880, 50.3171, 101.5324



59.4467, 50.3171, 84.4342

Triad

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



52.8880, 50.3171, 101.5324



57.2888, 50.3171, 29.3308



35.3141, 50.3171, 48.4261

Complementary

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



52.8880, 50.3171, 101.5324



82.6442, 91.5296, 54.3873

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.



37.8260, 50.3171, 33.0456



52.8880, 50.3171, 101.5324



50.1753, 50.3171, 24.0153

Square

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



52.8880, 50.3171, 101.5324



62.1609, 50.3171, 41.9314



43.0957, 50.3171, 25.1766



35.8822, 50.3171, 70.0329

Rectangle

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



52.8880, 50.3171, 101.5324



62.2568, 50.3171, 69.2899



43.0957, 50.3171, 25.1766



35.8158, 50.3171, 42.4633

Sweetspot

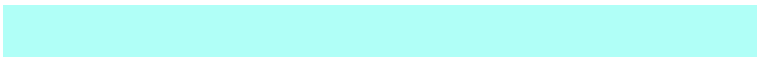
The Sweet Spot groups the original color and five complimentary colors.



52.8895, 50.3190, 101.5327



80.7916, 83.2774, 106.4237



70.4693, 87.4721, 101.2466



16.8334, 17.2849, 22.6990



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.



52.8895, 50.3190, 101.5327



46.8674, 43.1406, 100.4645



59.4767, 51.6244, 101.4375



17.1324, 17.6364, 22.7511



9.6311, 4.1719, 49.7322



0.9796, 0.4900, 4.8562

Inverse Universe

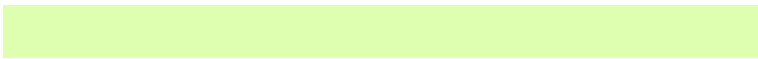
The Inverse Universe completely reimagines the original color for something new.



65.3137, 55.7311, 52.1165



61.0862, 49.4925, 43.8747



74.1521, 90.4066, 54.6182



18.0747, 18.0132, 19.0106



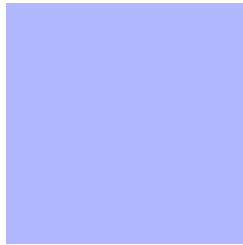
21.6496, 11.1491, 1.5391



2.1291, 1.0940, 0.2612

Previews

White Background



This preview shows how the XYZ color 52.8880, 50.3171, 101.5324 looks on a white background.

Color Contrast Check

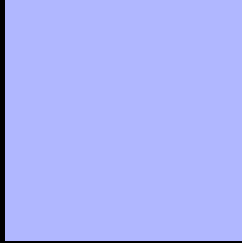
Large Text (above 18pt) WCAG AA × Fail

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 52.8880, 50.3171, 101.5324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

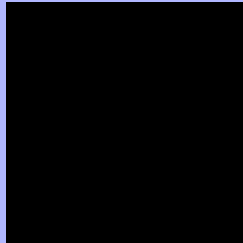
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.8880, 50.3171, 101.5324

Background



This preview shows how black text looks on a background with the XYZ color 52.8880, 50.3171, 101.5324.



This preview shows how white text looks on a background with the XYZ color 52.8880, 50.3171,

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

52.8880, 50.3171, 101.5324

Protanopia

51.5474, 50.2428, 101.5887

Deuteranopia

51.5474, 50.2428, 101.5887



Tritanopia

45.8380, 50.3113, 66.3266

Trichromacy



Original Color

52.8880, 50.3171, 101.5324

Protanomaly

51.9851, 50.1589, 101.5495

Deuteranomaly

51.9851, 50.1589, 101.5495

Tritanomaly

48.2297, 50.3231, 77.6924

Monochromacy



Original Color

52.8880, 50.3171, 101.5324

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.5477, 50.5351, 70.0936

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8880, 50.3171, 101.5324 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(176, 183, 255)` looks like.

```
.text, #text, p{  
    color:rgb(176, 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(176, 183, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 183, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.8880, 50.3171, 101.5324 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(176, 183, 255) }
```


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

```
.border{ border-color:rgb(176, 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(176, 183, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 183, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 183, 255);  
box-shadow:4px 4px 4px 4px rgb(176, 183,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8880, 50.3171, 101.5324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 183, 255) }
```

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

```
.background{ background-color: rgb(176,  
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](#).

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