

Converting Colors

XYZ(52.7419, 52.4389,
101.9497)

Have a look what the booklet for
XYZ(52.7419, 52.4389, 101.9497)
contains.

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Color

**XYZ(52.8256, 52.4819,
101.9536)**

Conversions

Conversions Part 1

Format	Color
Hex	A9BEFF
RGB	169, 190, 255
RGB Percent	66%, 75%, 100%
CMY	0.3372, 0.2549, 0.0000
CMYK	0.34, 0.25, 0.00, 0.00
HSL	225°, 100%, 83%
HSV	225°, 34%, 100%
XYZ	52.8256, 52.4819, 101.9536
YIQ	191.1310, -33.3810, 15.7630

Conversions

Conversions Part 2

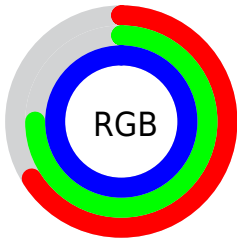
Format	Color
RYB	169, 186, 255
Decimal	11124479
CIELab	77.57, 7.78, -34.34
CIELCh	78, 35.210, 282.767
Yxy	52.4819, 0.2549, 0.2532
Android (android.graphics.Color)	4289314559 (0xFFA9BEFF)
YUV	191.1310, 31.4874, -19.4089
Hunter-Lab	72.4444, 3.3824, -32.7299

Details

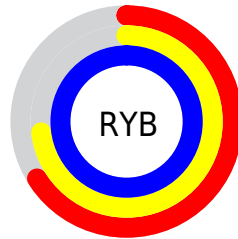
The XYZ color **52.8256, 52.4819, 101.9536** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.8246, 82.9704, 49.4510**, and the grayscale version is **49.4355, 52.0100, 56.6389**.

A 20% lighter version of the original color is **82.3698, 89.3003, 107.5031**, and **26.0781, 25.5459, 56.9825** is the 20% darker color. If you saturate the color by 10%, you get **43.9771, 42.1288, 100.4216**, and if you desaturate by 10%, it is **63.2960, 64.4928, 103.7200**.

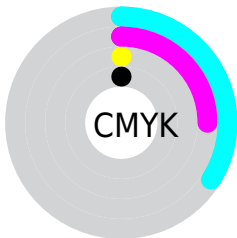
Distribution



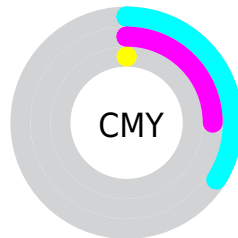
- Red (66%)
- Green (75%)
- Blue (100%)



- Red (66%)
- Yellow (73%)
- Blue (100%)



- Cyan (34%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (34%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8256, 52.4819, 101.9536 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 52.8256, 52.4819, 101.9536 by changing the saturation by 10% instead.

■ 52.8256, 52.4819,
101.9536

■ 52.8256, 52.4819,
101.9536

387.8875,
396.2942, 587.7382

■ 37.8905, 37.3893,
77.3071

■ 93.5147, 93.8416,
165.9145

■ 26.0745, 25.5091,
56.9919

119.9995,
120.8774, 206.0661

■ 17.0124, 16.4567,
40.5894

151.0648,
152.6632, 252.2230

■ 10.3387, 9.8479,
27.6811

187.0760,
189.5832, 304.8039

■ 5.6881, 5.2982,
17.8485

228.3986,
232.0220, 364.2274

■ 2.6952, 2.4233,
10.6729

275.3977,

■ 0.9947, 0.8378,

280.3638, 430.9119

5.7360

328.4389,
334.9931, 505.2760

■ 0.0000, 0.0000,
2.6190

■ 0.0000, 0.0000,
0.9023

■ 52.8256, 52.4819,
101.9536

■ 52.8256, 52.4819,
101.9536

■ 43.9771, 42.1288,
100.4216

■ 63.2960, 64.4928,
103.7200

■ 36.6621, 33.3526,
99.1131

■ 75.4611, 78.2259,
105.7296

■ 30.7904, 26.0739,
98.0177

■ 89.3950, 93.7489,
107.9915

■ 26.2602, 20.2039,
97.1234

■ 95.0500, 100.0000,
108.9000

■ 22.9553, 15.6431,
96.4173

■ 20.7370, 12.2767,
95.8844

■ 19.7873, 10.6947,
95.6291

Harmonies

Analogous

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



46.1112, 52.4819, 100.8474



52.8256, 52.4819, 101.9536



59.2898, 52.4819, 89.2481

Triad

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



52.8256, 52.4819, 101.9536



60.1013, 52.4819, 35.3169



38.4159, 52.4819, 46.7602

Complementary

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



52.8256, 52.4819, 101.9536



77.8246, 82.9704, 49.4510

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.



41.5269, 52.4819, 33.8419



52.8256, 52.4819, 101.9536



53.8540, 52.4819, 28.3394

Square

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



52.8256, 52.4819, 101.9536



63.7398, 52.4819, 49.2679



47.0507, 52.4819, 27.8692



38.1949, 52.4819, 65.8174

Rectangle

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



52.8256, 52.4819, 101.9536



62.4240, 52.4819, 76.0330



47.0507, 52.4819, 27.8692



39.1444, 52.4819, 41.6750

Sweetspot

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



52.8272, 52.4839, 101.9538



80.4398, 83.7942, 106.5420



66.9026, 85.8673, 90.5144



16.8091, 17.4793, 22.7379



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.



52.8272, 52.4839, 101.9538



47.0889, 45.7965, 100.9655



53.5996, 46.6093, 100.7792



17.3632, 18.0980, 22.8281



10.4362, 5.7819, 50.0006



1.0973, 0.7252, 4.8954

Inverse Universe

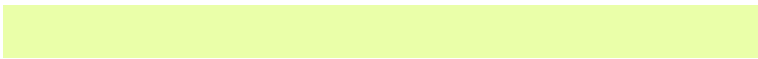
The Inverse Universe completely reimagines the original color for something new.



64.7233, 53.3551, 55.6045



60.6579, 47.2531, 47.9948



76.6898, 91.7928, 51.2137



18.1912, 18.0598, 19.6241



22.0559, 11.3116, 3.6788



2.1885, 1.1178, 0.5738

Previews

White Background



This preview shows how the XYZ color 52.8256, 52.4819, 101.9536 looks on a white background.

Color Contrast Check

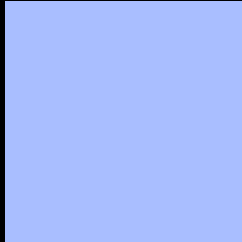
Large Text (above 18pt) WCAG AA × Fail

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 52.8256, 52.4819, 101.9536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

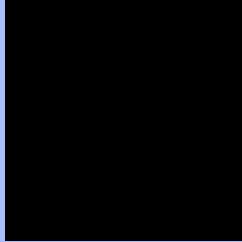
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.8256, 52.4819, 101.9536

Background



This preview shows how black text looks on a background with the XYZ color 52.8256, 52.4819, 101.9536.



This preview shows how white text looks on a background with the XYZ color 52.8256, 52.4819,

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

52.8256, 52.4819, 101.9536

Protanopia

53.3206, 52.4352, 101.0766

Deuteranopia

53.7124, 52.3004, 101.8718



Tritanopia

46.7015, 52.6658, 70.6549

Trichromacy



Original Color

52.8256, 52.4819, 101.9536

Protanomaly

53.1002, 52.3216, 101.0663

Deuteranomaly

53.4812, 52.4994, 101.9224

Tritanomaly

48.6230, 52.4182, 80.9538

Monochromacy



Original Color

52.8256, 52.4819, 101.9536

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.2968, 52.1839, 71.0399

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8256, 52.4819, 101.9536 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(169, 190, 255)` looks like.

```
.text, #text, p{  
    color:rgb(169, 190, 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(169, 190, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 190, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.8256, 52.4819, 101.9536 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(169, 190, 255) }
```


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

```
.border{ border-color:rgb(169, 190, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 190, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 190, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 190, 255);  
box-shadow:4px 4px 4px 4px rgb(169, 190,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8256, 52.4819, 101.9536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 190, 255) }
```

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

```
.background{ background-color: rgb(169,  
190, 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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