

Converting Colors

XYZ(56.7462, 51.6653,
122.3382)

Have a look what the booklet for
XYZ(56.7462, 51.6653, 122.3382)
contains.

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Color

**XYZ(52.6824, 49.9060,
101.4639)**

Conversions

Conversions Part 1

Format	Color
Hex	B0B6FF
RGB	176, 182, 255
RGB Percent	69%, 71%, 100%
CMY	0.3098, 0.2863, 0.0000
CMYK	0.31, 0.29, 0.00, 0.00
HSL	235°, 100%, 85%
HSV	235°, 31%, 100%
XYZ	52.6824, 49.9060, 101.4639
YIQ	188.5280, -27.0090, 21.4310

Conversions

Conversions Part 2

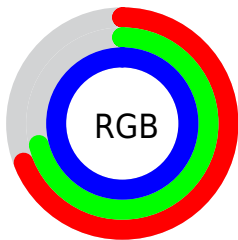
Format	Color
RYB	176, 182, 255
Decimal	11581183
CIELab	76.01, 14.12, -36.71
CIELCh	76, 39.331, 291.037
Yxy	49.9060, 0.2582, 0.2446
Android (android.graphics.Color)	4289771263 (0xFFB0B6FF)
YUV	188.5280, 32.7707, -10.9871
Hunter-Lab	70.6442, 9.4878, -35.7053

Details

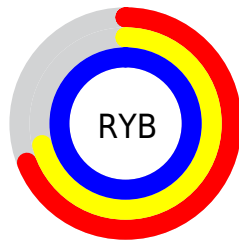
The XYZ color **52.6824, 49.9060, 101.4639** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.9524, 92.1459, 54.4899**, and the grayscale version is **47.9318, 50.4280, 54.9161**.

A 20% lighter version of the original color is **82.2288, 85.6927, 106.8142**, and **25.9285, 23.8427, 56.6616** is the 20% darker color. If you saturate the color by 10%, you get **43.0226, 38.3562, 99.7437**, and if you desaturate by 10%, it is **64.2401, 63.6417, 103.5060**.

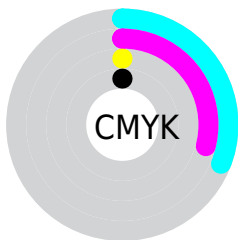
Distribution



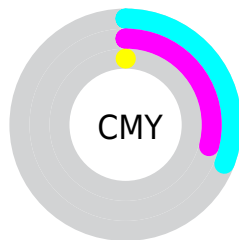
- Red (69%)
- Green (71%)
- Blue (100%)



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



- Cyan (31%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.6824, 49.9060, 101.4639 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 52.6824, 49.9060, 101.4639 by changing the saturation by 10% instead.

■ 52.6824, 49.9060,
101.4639

■ 52.6824, 49.9060,
101.4639

387.3463,
386.2982, 586.1627

■ 37.7758, 35.3387,
76.9000

■ 93.3051, 90.0356,
165.2369

■ 25.9851, 23.9239,
56.6597

119.7519,
116.3667, 205.2830

■ 16.9451, 15.2772,
40.3246

150.7762,
147.3878, 251.3269

■ 10.2904, 9.0142,
27.4760

186.7432,
183.4834, 303.7872

■ 5.6557, 4.7504,
17.6954

228.0184,
225.0379, 363.0824

■ 2.6755, 2.1016,
10.5644

274.9670,

■ 0.9846, 0.6655,

272.4356, 429.6310

5.6643

327.9545,
326.0609, 503.8516

■ 0.0000, 0.0000,
2.5766

■ 0.0000, 0.0000,
0.8803

■ 52.6824, 49.9060,
101.4639

■ 52.6824, 49.9060,
101.4639

■ 43.0226, 38.3562,
99.7437

■ 64.2401, 63.6417,
103.5060

■ 35.1548, 28.8740,
98.3281

■ 77.7849, 79.6619,
105.8843

■ 28.9695, 21.3387,
97.1997

■ 93.4058, 98.0664,
108.6134

■ 24.3436, 15.6146,
96.3386

■ 95.0500, 100.0000,
108.9000

■ 21.1368, 11.5487,
95.7228

■ 19.1835, 8.9623,
95.3265

■ 18.2892, 7.6983,
95.1297

Harmonies

Analogous

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



45.2692, 49.9060, 104.8368



52.6824, 49.9060, 101.4639



59.2749, 49.9060, 83.9218

Triad

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



52.6824, 49.9060, 101.4639



56.8731, 49.9060, 28.5824



34.8153, 49.9060, 48.2823

Complementary

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



52.6824, 49.9060, 101.4639



82.9524, 92.1459, 54.4899

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.



37.2856, 49.9060, 32.6808



52.6824, 49.9060, 101.4639



49.6670, 49.9060, 23.3954

Square

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



52.6824, 49.9060, 101.4639



61.8625, 49.9060, 41.0840



42.5466, 49.9060, 24.6724



35.4441, 49.9060, 70.1766

Rectangle

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



52.6824, 49.9060, 101.4639



62.0712, 49.9060, 68.5595



42.5466, 49.9060, 24.6724



35.3005, 49.9060, 42.2351

Sweetspot

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



52.6839, 49.9079, 101.4642



80.7089, 83.1121, 106.3962



70.6733, 87.5537, 102.3211



16.8132, 17.2446, 22.6923



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.



52.6839, 49.9079, 101.4642



46.6463, 42.6983, 100.3908



59.8475, 51.8154, 101.4548



17.1138, 17.5993, 22.7449



9.5957, 4.1010, 49.7204



0.9709, 0.4724, 4.8533

Inverse Universe

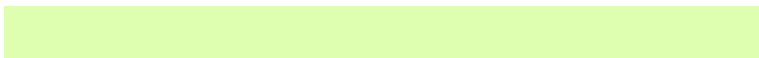
The Inverse Universe completely reimagines the original color for something new.



65.2099, 55.6895, 51.5701



60.9746, 49.4479, 43.2869



73.7470, 90.1977, 54.5990



18.0653, 18.0095, 18.9613



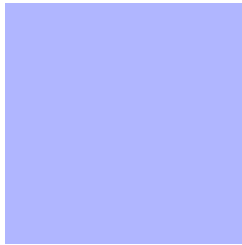
21.6317, 11.1420, 1.4449



2.1247, 1.0922, 0.2379

Previews

White Background



This preview shows how the XYZ color 52.6824, 49.9060, 101.4639 looks on a white background.

Color Contrast Check

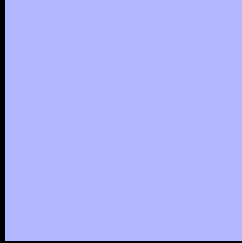
Large Text (above 18pt) WCAG AA × Fail

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 52.6824, 49.9060, 101.4639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

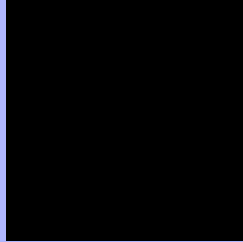
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.6824, 49.9060, 101.4639

Background



This preview shows how black text looks on a background with the XYZ color 52.6824, 49.9060, 101.4639.



This preview shows how white text looks on a background with the XYZ color 52.6824, 49.9060,

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

52.6824, 49.9060, 101.4639

Protanopia

51.3353, 50.1334, 101.5788

Deuteranopia

51.1747, 50.0692, 100.7331



Tritanopia

45.4973, 49.8248, 65.6117

Trichromacy



Original Color

52.6824, 49.9060, 101.4639

Protanomaly

51.7681, 50.0470, 101.5393

Deuteranomaly

51.6074, 49.9828, 100.6936

Tritanomaly

48.0153, 49.8943, 77.6209

Monochromacy



Original Color

52.6824, 49.9060, 101.4639

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.3363, 50.1123, 70.0231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6824, 49.9060, 101.4639 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, 182, 255)` looks like.

```
.text, #text, p{  
    color:rgb(176, 182, 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, 182, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 182, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.6824, 49.9060, 101.4639 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, 182, 255) }
```


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

```
.border{ border-color:rgb(176, 182, 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, 182, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 182, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 182, 255);  
box-shadow:4px 4px 4px 4px rgb(176, 182,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6824, 49.9060, 101.4639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 182, 255) }
```

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

```
.background{ background-color: rgb(176,  
182, 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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