

Converting Colors

XYZ(52.0126, 49.0729, 96.7523)

Have a look what the booklet for
XYZ(52.0126, 49.0729, 96.7523)
contains.

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Color

**XYZ(52.0105, 49.0658,
96.3519)**

Conversions

Conversions Part 1

Format	Color
Hex	B3B4F9
RGB	179, 180, 249
RGB Percent	70%, 71%, 98%
CMY	0.2980, 0.2941, 0.0235
CMYK	0.28, 0.28, 0.00, 0.02
HSL	239°, 85%, 84%
HSV	239°, 28%, 98%
XYZ	52.0105, 49.0658, 96.3519
YIQ	187.5670, -22.7450, 21.2470

Conversions

Conversions Part 2

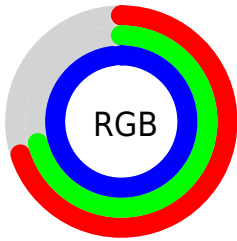
Format	Color
R _Y B	179, 180, 249
Decimal	11777273
CIE Lab	75.49, 14.60, -34.27
CIE LCh	75, 37.249, 293.081
Yxy	49.0658, 0.2634, 0.2485
Android (android.graphics.Color)	4289967353 (0xFFB3B4F9)
YUV	187.5670, 30.2865, -7.5133
Hunter-Lab	70.0470, 9.9556, -32.5224

Details

The XYZ color **52.0105, 49.0658, 96.3519** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.7717, 90.5296, 55.8662**, and the grayscale version is **47.3990, 49.8675, 54.3057**.

A 20% lighter version of the original color is **82.6375, 85.0438, 106.6674**, and **25.5612, 23.3445, 53.0279** is the 20% darker color. If you saturate the color by 10%, you get **42.2431, 37.3158, 94.5996**, and if you desaturate by 10%, it is **63.6976, 63.1099, 98.4476**.

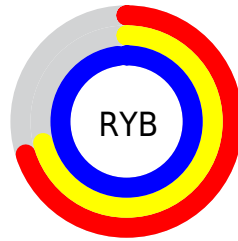
Distribution



Red (70%)

Green (71%)

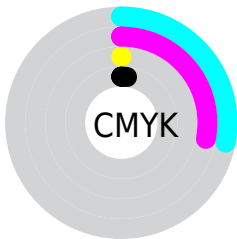
Blue (98%)



Red (70%)

Yellow (71%)

Blue (98%)

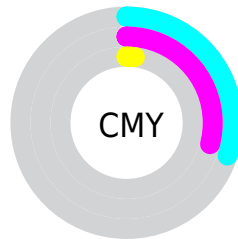


Cyan (28%)

Magenta (28%)

Yellow (0%)

Black (2%)



Cyan (30%)

Magenta (29%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.0105, 49.0658, 96.3519 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 52.0105, 49.0658, 96.3519 by changing the saturation by 10% instead.

■ 52.0105, 49.0658,
96.3519

■ 52.0105, 49.0658,
96.3519

384.8004,
383.0013, 569.5785

■ 37.2377, 34.6717,
72.6576

■ 92.3209, 88.7892,
158.1426

■ 25.5661, 23.4101,
53.2059

118.5892,
114.8872, 197.0761

■ 16.6303, 14.8966,
37.5783

149.4201,
145.6554, 241.9263

■ 10.0649, 8.7468,
25.3563

185.1789,
181.4780, 293.1119

■ 5.5046, 4.5764,
16.1213

226.2310,
222.7395, 351.0514

■ 2.5840, 2.0010,
9.4547

272.9417,

■ 0.9378, 0.6080,

269.8243, 416.1633

4.9381

325.6764,
323.1168, 488.8661

■ 0.0000, 0.0000,
2.1529

■ 0.0000, 0.0000,
0.6470

■ 52.0105, 49.0658,
96.3519

■ 52.0105, 49.0658,
96.3519

■ 42.2431, 37.3158,
94.5996

■ 63.6976, 63.1099,
98.4476

■ 34.2881, 27.7326,
93.1691

■ 77.3941, 79.5548,
100.8999

■ 28.0356, 20.1857,
92.0419

■ 93.1900, 98.5073,
103.7255

■ 23.3614, 14.5278,
91.1962

■ 94.0990, 99.6196,
103.8923

■ 20.1247, 10.5922,
90.6072

■ 18.1596, 8.1830,
90.2457

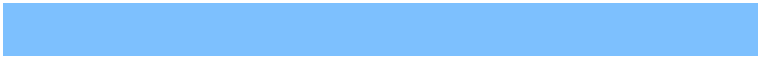
■ 17.2469, 7.0479,
90.0747

■ 17.1377, 6.9169,
90.0552

Harmonies

Analogous

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



45.0618, 49.0658, 100.4903



52.0105, 49.0658, 96.3519



58.0186, 49.0658, 79.5348

Triad

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



52.0105, 49.0658, 96.3519



55.0323, 49.0658, 28.5195



34.7086, 49.0658, 48.9939

Complementary

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



52.0105, 49.0658, 96.3519



80.7717, 90.5296, 55.8662

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.



36.8482, 49.0658, 33.7630



52.0105, 49.0658, 96.3519



48.2456, 49.0658, 23.9727

Square

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



52.0105, 49.0658, 96.3519



59.8795, 49.0658, 39.9183



41.6443, 49.0658, 25.6234



35.5044, 49.0658, 69.6774

Rectangle

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



52.0105, 49.0658, 96.3519



60.4553, 49.0658, 65.2122



41.6443, 49.0658, 25.6234



35.1008, 49.0658, 43.1501

Sweetspot

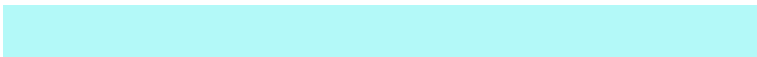
The Sweet Spot groups the original color and five complimentary colors.



52.0122, 49.0677, 96.3530



81.8564, 84.1688, 106.5397



69.3847, 84.1031, 101.2488



17.0239, 17.4193, 22.7150



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.



52.0122, 49.0677, 96.3530



48.5510, 44.1550, 100.5716



60.6126, 53.2025, 96.6978



16.3030, 16.6827, 21.7461



9.1821, 3.7197, 48.2076



0.8572, 0.3581, 4.4671

Inverse Universe

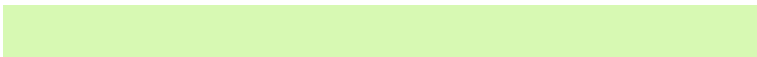
The Inverse Universe completely reimagines the original color for something new.



63.4266, 55.6767, 50.5858



62.5103, 52.2611, 44.5951



70.0868, 85.4794, 55.4546



17.2547, 17.2292, 17.9310



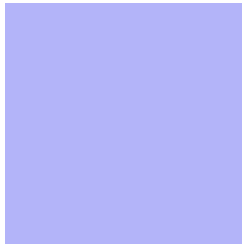
20.9267, 10.7864, 1.0565



1.9416, 1.0004, 0.1159

Previews

White Background



This preview shows how the XYZ color 52.0105, 49.0658, 96.3519 looks on a white background.

Color Contrast Check

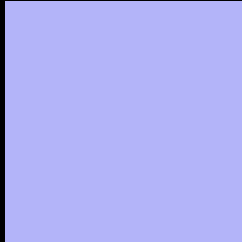
Large Text (above 18pt) WCAG AA × Fail

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 52.0105, 49.0658, 96.3519 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 52.0105, 49.0658, 96.3519

Background



This preview shows how black text looks on a background with the XYZ color 52.0105, 49.0658, 96.3519.



This preview shows how white text looks on a background with the XYZ color 52.0105, 49.0658,

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

52.0105, 49.0658, 96.3519

Protanopia

50.2301, 49.0022, 98.9064

Deuteranopia

50.2389, 49.0793, 95.6323



Tritanopia

45.6742, 49.3009, 64.2355

Trichromacy



Original Color

52.0105, 49.0658, 96.3519

Protanomaly

50.9351, 49.0789, 98.0554

Deuteranomaly

50.9048, 49.1174, 95.6046

Tritanomaly

47.7108, 49.1694, 74.6862

Monochromacy



Original Color

52.0105, 49.0658, 96.3519

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.9894, 49.6654, 67.9771

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0105, 49.0658, 96.3519 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(179, 180, 249)` looks like.

```
.text, #text, p{  
    color:rgb(179, 180, 249)  
}
```

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(179, 180, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 180, 249) }
```

Border

The CSS property to change the border of an element to XYZ 52.0105, 49.0658, 96.3519 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(179, 180, 249) }
```


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

```
.border{ border-color:rgb(179, 180, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 180, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 180, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 180, 249);  
box-shadow:4px 4px 4px 4px rgb(179, 180,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0105, 49.0658, 96.3519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 180, 249) }
```

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

```
.background{ background-color: rgb(179,  
180, 249) }
```

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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