

Converting Colors

XYZ(52.6061, 46.8891,
100.8856)

Have a look what the booklet for
XYZ(52.6061, 46.8891, 100.8856)
contains.

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Color

**XYZ(52.5697, 46.9154,
100.8926)**

Conversions

Conversions Part 1

Format	Color
Hex	B8ACFF
RGB	184, 172, 255
RGB Percent	72%, 67%, 100%
CMY	0.2784, 0.3255, 0.0000
CMYK	0.28, 0.33, 0.00, 0.00
HSL	249°, 100%, 84%
HSV	249°, 33%, 100%
XYZ	52.5697, 46.9154, 100.8926
YIQ	185.0500, -19.4910, 28.3570

Conversions

Conversions Part 2

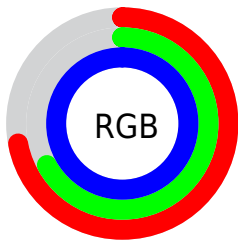
Format	Color
RYB	184, 172, 255
Decimal	12102911
CIELab	74.14, 21.91, -39.58
CIELCh	74, 45.237, 298.971
Yxy	46.9154, 0.2624, 0.2341
Android (android.graphics.Color)	4290292991 (0xFFB8ACFF)
YUV	185.0500, 34.4854, -0.9208
Hunter-Lab	68.4948, 17.1326, -39.3876

Details

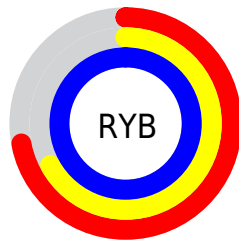
The XYZ color **52.5697, 46.9154, 100.8926** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **80.1690, 93.5534, 52.8638**, and the grayscale version is **45.9652, 48.3590, 52.6630**.

A 20% lighter version of the original color is **81.7947, 80.8589, 105.9040**, and **25.9628, 22.1773, 56.3383** is the 20% darker color. If you saturate the color by 10%, you get **43.3456, 35.6347, 99.2014**, and if you desaturate by 10%, it is **63.5335, 60.4772, 102.9324**.

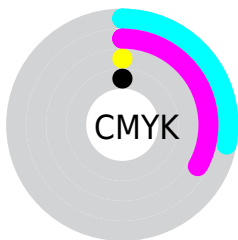
Distribution



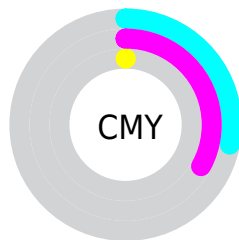
- Red (72%)
- Green (67%)
- Blue (100%)



- Red (72%)
- Yellow (67%)
- Blue (100%)



- Cyan (28%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.5697, 46.9154, 100.8926 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 52.5697, 46.9154, 100.8926 by changing the saturation by 10% instead.

■ 52.5697, 46.9154,
100.8926

■ 52.5697, 46.9154,
100.8926

386.9200,
374.4767, 584.3218

■ 37.6855, 32.9688,
76.4252

■ 93.1401, 85.5873,
164.4458

■ 25.9148, 22.1025,
56.2725

119.5571,
111.0814, 204.3687

■ 16.8922, 13.9323,
40.0160

150.5490,
141.1935, 250.2805

■ 10.2525, 8.0736,
27.2371

186.4811,
176.3079, 302.5997

■ 5.6303, 4.1421,
17.5174

227.7190,
216.8090, 361.7449

■ 2.6601, 1.7533,
10.4382

274.6278,

■ 0.9767, 0.4578,

263.0812, 428.1346

5.5811

327.5730,
315.5090, 502.1874

■ 0.0000, 0.0000,
2.5274

■ 0.0000, 0.0000,
0.8546

■ 52.5697, 46.9154,
100.8926

■ 52.5697, 46.9154,
100.8926

■ 43.3456, 35.6347,
99.2014

■ 63.5335, 60.4772,
102.9324

■ 35.7667, 26.5039,
97.8384

■ 76.3162, 76.4307,
105.3381

■ 29.7357, 19.3866,
96.7825

■ 90.9974, 94.8861,
108.1265

■ 25.1436, 14.1285,
96.0096

■ 95.0500, 100.0000,
108.9000

■ 21.8663, 10.5525,
95.4921

■ 19.7577, 8.4461,
95.1967

■ 18.8082, 7.6109,
95.0855

Harmonies

Analogous

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



44.3124, 46.9154, 109.9253



52.5697, 46.9154, 100.8926



59.3150, 46.9154, 77.7009

Triad

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



52.5697, 46.9154, 100.8926



53.1124, 46.9154, 21.5992



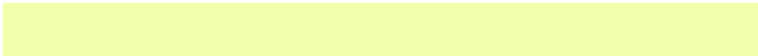
30.7606, 46.9154, 50.2857

Complementary

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



52.5697, 46.9154, 100.8926



80.1690, 93.5534, 52.8638

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.



32.5318, 46.9154, 31.3657



52.5697, 46.9154, 100.8926



44.8721, 46.9154, 18.2027

Square

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



52.5697, 46.9154, 100.8926



59.6541, 46.9154, 32.3792



37.4646, 46.9154, 21.1509



32.3055, 46.9154, 75.8795

Rectangle

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



52.5697, 46.9154, 100.8926



61.6940, 46.9154, 60.1012



37.4646, 46.9154, 21.1509



30.9838, 46.9154, 43.0151

Sweetspot

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



52.5712, 46.9172, 100.8929



79.8732, 80.8908, 106.0115



67.3948, 80.6526, 106.6232



16.6729, 16.7830, 22.6106



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.



52.5712, 46.9172, 100.8929



46.4252, 39.3843, 99.7628



63.7200, 52.6646, 101.4146



17.2473, 17.5037, 22.7195



9.9009, 4.0146, 49.6876



1.0337, 0.4268, 4.8412

Inverse Universe

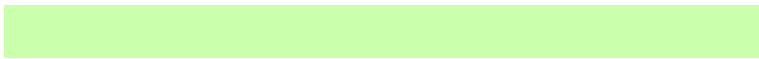
The Inverse Universe completely reimagines the original color for something new.



72.1709, 57.2375, 92.0383



68.8738, 51.2144, 89.1782



67.6819, 87.1161, 52.2794



18.6731, 18.2525, 22.1616



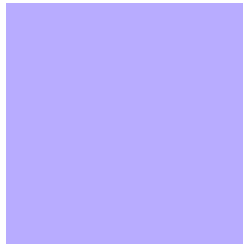
28.2134, 13.7747, 36.1040



2.7766, 1.3530, 3.6708

Previews

White Background



This preview shows how the XYZ color 52.5697, 46.9154, 100.8926 looks on a white background.

Color Contrast Check

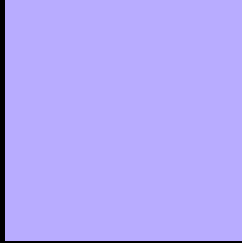
Large Text (above 18pt) WCAG AA × Fail

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 52.5697, 46.9154, 100.8926 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 52.5697, 46.9154, 100.8926

Background



This preview shows how black text looks on a background with the XYZ color 52.5697, 46.9154, 100.8926.



This preview shows how white text looks on a background with the XYZ color 52.5697, 46.9154,

100.8926.

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

52.5697, 46.9154, 100.8926

Protanopia

48.6693, 47.2334, 101.1596

Deuteranopia

48.1514, 47.0035, 99.4632



Tritanopia

44.3601, 46.8284, 60.1268

Trichromacy



Original Color

52.5697, 46.9154, 100.8926

Protanomaly

49.9206, 46.9891, 101.0464

Deuteranomaly

49.5479, 46.8155, 100.1908

Tritanomaly

47.0377, 46.7018, 73.5530

Monochromacy



Original Color

52.5697, 46.9154, 100.8926

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

47.9617, 47.6099, 67.6346

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5697, 46.9154, 100.8926 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(184, 172, 255)` looks like.

```
.text, #text, p{  
    color:rgb(184, 172, 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(184, 172, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 172, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.5697, 46.9154, 100.8926 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(184, 172, 255) }
```


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

```
.border{ border-color:rgb(184, 172, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 172, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 172, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 172, 255);  
box-shadow:4px 4px 4px 4px rgb(184, 172,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5697, 46.9154, 100.8926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 172, 255) }
```

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

```
.background{ background-color: rgb(184,  
172, 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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