

Converting Colors

XYZ(55.3562, 49.6737,
137.5062)

Have a look what the booklet for
XYZ(55.3562, 49.6737, 137.5062)
contains.

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Color

**XYZ(48.4682, 46.8311,
101.0925)**

Conversions

Conversions Part 1

Format	Color
Hex	9FB3FF
RGB	159, 179, 255
RGB Percent	62%, 70%, 100%
CMY	0.3765, 0.2980, 0.0000
CMYK	0.38, 0.30, 0.00, 0.00
HSL	228°, 100%, 81%
HSV	228°, 38%, 100%
XYZ	48.4682, 46.8311, 101.0925
YIQ	181.6840, -36.3160, 19.3960

Conversions

Conversions Part 2

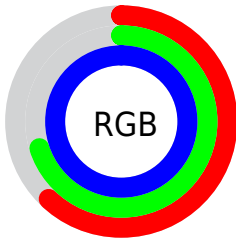
Format	Color
RYB	159, 176, 255
Decimal	10466303
CIELab	74.08, 11.18, -39.80
CIELCh	74, 41.339, 285.691
Yxy	46.8311, 0.2468, 0.2385
Android (android.graphics.Color)	4288656383 (0xFF9FB3FF)
YUV	181.6840, 36.1448, -19.8939
Hunter-Lab	68.4333, 6.6653, -39.6824

Details

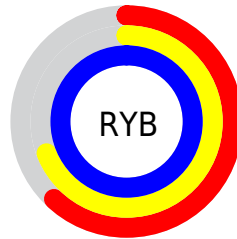
The XYZ color **48.4682, 46.8311, 101.0925** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **77.2071, 83.1809, 44.7892**, and the grayscale version is **44.1169, 46.4145, 50.5453**.

A 20% lighter version of the original color is **76.0772, 81.2356, 106.2781**, and **23.4913, 22.1990, 56.4728** is the 20% darker color. If you saturate the color by 10%, you get **40.1691, 36.9805, 99.6286**, and if you desaturate by 10%, it is **58.4056, 58.4074, 102.8032**.

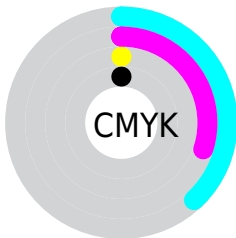
Distribution



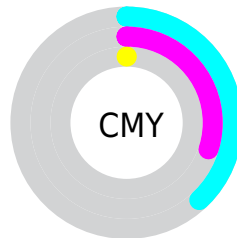
- Red (62%)
- Green (70%)
- Blue (100%)



- Red (62%)
- Yellow (69%)
- Blue (100%)



- Cyan (38%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.4682, 46.8311, 101.0925 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 48.4682, 46.8311, 101.0925 by changing the saturation by 10% instead.

■ 48.4682, 46.8311,
101.0925

■ 48.4682, 46.8311,
101.0925

371.1967,
374.1399, 584.9662

■ 34.4106, 32.9022,
76.5913

■ 87.1066, 85.4615,
164.7227

■ 23.3736, 22.0515,
56.4079

■ 112.4181,
110.9316, 204.6887

■ 14.9918, 13.8947,
40.1239

142.2116,
141.0177, 250.6468

■ 8.8999, 8.0475,
27.3206

176.8525,
176.1041, 303.0154

■ 4.7325, 4.1254,
17.5796

216.7061,
216.5750, 362.2131

■ 2.1243, 1.7439,
10.4823

262.1377,

■ 0.7024, 0.4519,

262.8151, 428.6584

5.6101

313.5128,
315.2086, 502.7700

■ 0.0000, 0.0000,
2.5446

■ 0.0000, 0.0000,
0.8636

■ 48.4682, 46.8311,
101.0925

■ 48.4682, 46.8311,
101.0925

■ 40.1691, 36.9805,
99.6286

■ 58.4056, 58.4074,
102.8032

■ 33.4137, 28.7660,
98.3991

■ 70.0599, 71.7830,
104.7707

■ 28.1041, 22.0973,
97.3917

■ 83.5102, 87.0331,
107.0053

■ 24.1289, 16.8727,
96.5928

95.0500, 100.0000,
108.9000

■ 21.3594, 12.9772,
95.9868

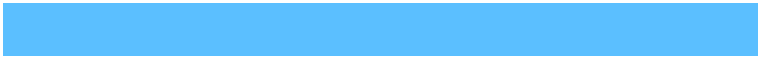
■ 19.6320, 10.2725,
95.5558

■ 19.3287, 9.7775,
95.4762

Harmonies

Analogous

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



41.0894, 46.8311, 101.4940



48.4682, 46.8311, 101.0925



55.4796, 46.8311, 85.0483

Triad

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



48.4682, 46.8311, 101.0925



55.1994, 46.8311, 27.0524



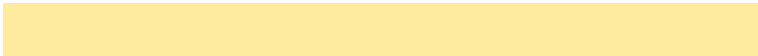
32.1080, 46.8311, 41.5753

Complementary

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



48.4682, 46.8311, 101.0925



77.2071, 83.1809, 44.7892

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.



35.0936, 46.8311, 27.5099



48.4682, 46.8311, 101.0925



48.1186, 46.8311, 20.8386

Square

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



48.4682, 46.8311, 101.0925



59.6495, 46.8311, 40.7533



40.7763, 46.8311, 20.9788



32.1794, 46.8311, 62.8142

Rectangle

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



48.4682, 46.8311, 101.0925



58.7657, 46.8311, 69.6560



40.7763, 46.8311, 20.9788



32.7716, 46.8311, 35.9993

Sweetspot

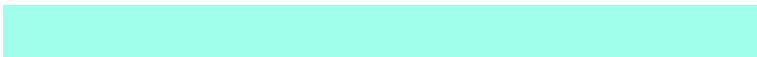
The Sweet Spot groups the original color and five complimentary colors.



48.4697, 46.8328, 101.0927



78.7933, 81.7038, 106.2253



64.9391, 84.8435, 90.9471



16.4696, 17.0401, 22.6710



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.



48.4697, 46.8328, 101.0927



42.2107, 39.4239, 99.9926



50.7480, 42.4824, 100.1330



17.3096, 17.9907, 22.8102



10.1850, 5.2796, 49.9168



1.0659, 0.6624, 4.8850

Inverse Universe

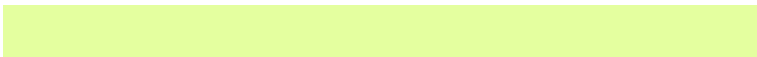
The Inverse Universe completely reimagines the original color for something new.



61.7759, 49.3126, 48.9118



57.3696, 42.7753, 40.4284



73.9503, 90.4849, 46.3707



18.1641, 18.0490, 19.4816



21.9291, 11.2609, 3.0113



2.1726, 1.1114, 0.4904

Previews

White Background



This preview shows how the XYZ color 48.4682, 46.8311, 101.0925 looks on a white background.

Color Contrast Check

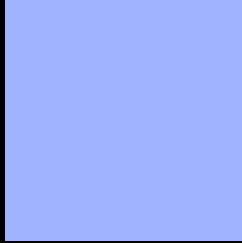
Large Text (above 18pt) WCAG AA × Fail

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 48.4682, 46.8311, 101.0925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

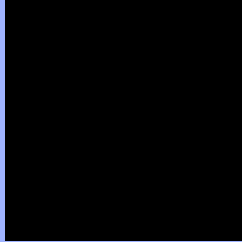
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.4682, 46.8311, 101.0925

Background



This preview shows how black text looks on a background with the XYZ color 48.4682, 46.8311, 101.0925.



This preview shows how white text looks on a background with the XYZ color 48.4682, 46.8311,

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

48.4682, 46.8311, 101.0925

Protanopia

48.2707, 46.7293, 101.0833

Deuteranopia

48.0816, 46.9304, 101.1321



Tritanopia

41.1293, 46.9579, 64.0228

Trichromacy



Original Color

48.4682, 46.8311, 101.0925

Protanomaly

48.2707, 46.7293, 101.0833

Deuteranomaly

48.2759, 47.0306, 101.1411

Tritanomaly

43.4307, 46.6049, 76.5186

Monochromacy



Original Color

48.4682, 46.8311, 101.0925

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

45.4881, 46.6499, 66.9284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4682, 46.8311, 101.0925 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(159, 179, 255)` looks like.

```
.text, #text, p{  
    color:rgb(159, 179, 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(159, 179, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 179, 255) }
```

Border

The CSS property to change the border of an element to XYZ 48.4682, 46.8311, 101.0925 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(159, 179, 255) }
```


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

```
.border{ border-color:rgb(159, 179, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 179, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 179, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 179, 255);  
box-shadow:4px 4px 4px 4px rgb(159, 179,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4682, 46.8311, 101.0925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 179, 255) }
```

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

```
.background{ background-color: rgb(159,  
179, 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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