

Converting Colors

XYZ(48.3445, 47.5853,
101.2446)

Have a look what the booklet for
XYZ(48.3445, 47.5853, 101.2446)
contains.

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Color

**XYZ(48.4882, 47.7438,
101.2676)**

Conversions

Conversions Part 1

Format	Color
Hex	9CB6FF
RGB	156, 182, 255
RGB Percent	61%, 71%, 100%
CMY	0.3882, 0.2863, 0.0000
CMYK	0.39, 0.29, 0.00, 0.00
HSL	224°, 100%, 81%
HSV	224°, 39%, 100%
XYZ	48.4882, 47.7438, 101.2676
YIQ	182.5480, -38.9290, 17.1910

Conversions

Conversions Part 2

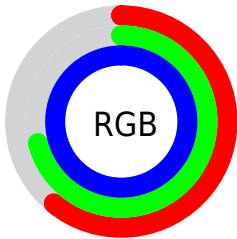
Format	Color
R _Y B	156, 177, 255
Decimal	10270463
CIE Lab	74.66, 8.73, -38.91
CIE LCh	75, 39.876, 282.644
Yxy	47.7438, 0.2455, 0.2417
Android (android.graphics.Color)	4288460543 (0xFF9CB6FF)
YUV	182.5480, 35.7188, -23.2826
Hunter-Lab	69.0969, 4.3414, -38.5269

Details

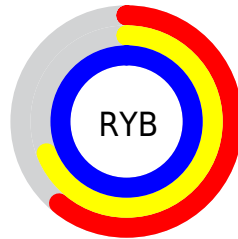
The XYZ color **48.4882, 47.7438, 101.2676** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **75.2607, 79.6995, 42.8712**, and the grayscale version is **44.5899, 46.9120, 51.0872**.

A 20% lighter version of the original color is **76.0651, 82.5152, 106.5257**, and **23.2988, 22.4871, 56.5385** is the 20% darker color. If you saturate the color by 10%, you get **40.4662, 38.2713, 99.8620**, and if you desaturate by 10%, it is **58.0660, 58.7878, 102.8945**.

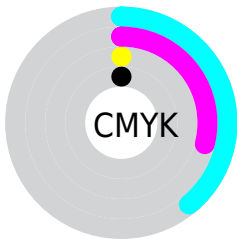
Distribution



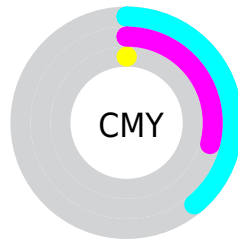
- Red (61%)
- Green (71%)
- Blue (100%)



- Red (61%)
- Yellow (69%)
- Blue (100%)



- Cyan (39%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.4882, 47.7438, 101.2676 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 48.4882, 47.7438, 101.2676 by changing the saturation by 10% instead.

■ 48.4882, 47.7438,
101.2676

■ 48.4882, 47.7438,
101.2676

371.2744,
377.7757, 585.5305

■ 34.4265, 33.6240,
76.7368

■ 87.1361, 86.8228,
164.9651

■ 23.3859, 22.6049,
56.5266

■ 112.4531,
112.5509, 204.9689

■ 15.0010, 14.3021,
40.2185

142.2526,
142.9172, 250.9675

■ 8.9064, 8.3311,
27.3938

176.8999,
178.3061, 303.3793

■ 4.7368, 4.3075,
17.6342

216.7603,
219.1020, 362.6230

■ 2.1268, 1.8470,
10.5210

262.1994,

■ 0.7037, 0.5162,

265.6893, 429.1171

5.6356

313.5823,
318.4524, 503.2800

■ 0.0000, 0.0000,
2.5596

■ 0.0000, 0.0000,
0.8715

■ 48.4882, 47.7438,
101.2676

■ 48.4882, 47.7438,
101.2676

■ 40.4662, 38.2713,
99.8620

■ 58.0660, 58.7878,
102.8945

■ 33.9097, 30.2906,
98.6672

■ 69.2740, 71.4675,
104.7512

■ 28.7256, 23.7221,
97.6726

■ 82.1873, 85.8496,
106.8466

■ 24.8075, 18.4763,
96.8665

95.0500, 100.0000,
108.9000

■ 22.0316, 14.4516,
96.2360

■ 20.2271, 11.5185,
95.7649

■ 20.0554, 11.2308,
95.7185

Harmonies

Analogous

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



41.3601, 47.7438, 99.9530



48.4882, 47.7438, 101.2676



55.4551, 47.7438, 87.0832

Triad

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



48.4882, 47.7438, 101.2676



56.3832, 47.7438, 29.4230



33.3697, 47.7438, 40.9974

Complementary

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



48.4882, 47.7438, 101.2676



75.2607, 79.6995, 42.8712

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.



36.6040, 47.7438, 27.8688



48.4882, 47.7438, 101.2676



49.6503, 47.7438, 22.5079

Square

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



48.4882, 47.7438, 101.2676



60.3277, 47.7438, 43.7537



42.4057, 47.7438, 22.0269



33.1294, 47.7438, 61.1886

Rectangle

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



48.4882, 47.7438, 101.2676



58.8688, 47.7438, 72.4927



42.4057, 47.7438, 22.0269



34.1256, 47.7438, 35.7629

Sweetspot

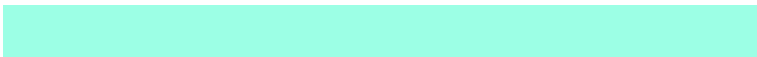
The Sweet Spot groups the original color and five complimentary colors.



48.4897, 47.7455, 101.2679



77.8942, 81.0905, 106.1543



63.5583, 84.2232, 86.7439



16.3059, 16.9490, 22.6620



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.



48.4897, 47.7455, 101.2679



41.8161, 39.8839, 100.1022



48.5534, 40.5943, 99.8842



17.3909, 18.1534, 22.8373



10.5819, 6.0733, 50.0491



1.1148, 0.7603, 4.9013

Inverse Universe

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



61.5730, 48.4158, 50.3576



56.8654, 41.4060, 41.3732



75.0077, 91.0597, 45.0772



18.2052, 18.0654, 19.6977



22.1294, 11.3411, 4.0661



2.1973, 1.1213, 0.6204

Previews

White Background



This preview shows how the XYZ color 48.4882, 47.7438, 101.2676 looks on a white background.

Color Contrast Check

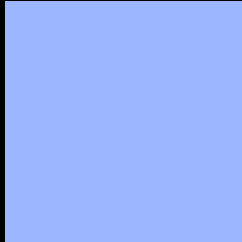
Large Text (above 18pt) WCAG AA × Fail

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 48.4882, 47.7438, 101.2676 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

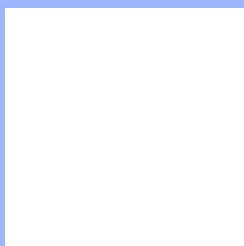
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.4882, 47.7438, 101.2676

Background



This preview shows how black text looks on a background with the XYZ color 48.4882, 47.7438, 101.2676.



This preview shows how white text looks on a background with the XYZ color 48.4882, 47.7438,

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

48.4882, 47.7438, 101.2676

Protanopia

49.1112, 47.7806, 100.4001

Deuteranopia

48.8719, 47.6387, 101.2271



Tritanopia

41.3949, 47.6959, 66.0560

Trichromacy



Original Color

48.4882, 47.7438, 101.2676

Protanomaly

48.7113, 47.5744, 100.3814

Deuteranomaly

48.6744, 47.5368, 101.2179

Tritanomaly

43.6505, 47.6442, 77.4166

Monochromacy



Original Color

48.4882, 47.7438, 101.2676

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.6757, 47.3547, 67.0546

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4882, 47.7438, 101.2676 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(156, 182, 255)` looks like.

```
.text, #text, p{  
    color:rgb(156, 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(156, 182, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 182, 255) }
```

Border

The CSS property to change the border of an element to XYZ 48.4882, 47.7438, 101.2676 is called "border". The border property can be set on classes, ids or directly on the HTML element.

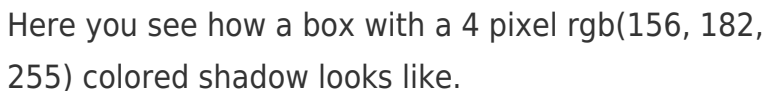
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 182, 255) }
```


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

```
.border{ border-color:rgb(156, 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(156, 182, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 182, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 182, 255); box-shadow:4px 4px 4px 4px rgb(156, 182, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4882, 47.7438, 101.2676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 182, 255) }
```

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

```
.background{ background-color: rgb(156,  
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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