

Converting Colors

XYZ(54.4772, 48.4104,
138.0457)

Have a look what the booklet for
XYZ(54.4772, 48.4104, 138.0457)
contains.

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Color

**XYZ(47.4824, 45.7322,
100.9323)**

Conversions

Conversions Part 1

Format	Color
Hex	9CB1FF
RGB	156, 177, 255
RGB Percent	61%, 69%, 100%
CMY	0.3882, 0.3059, 0.0000
CMYK	0.39, 0.31, 0.00, 0.00
HSL	227°, 100%, 81%
HSV	227°, 39%, 100%
XYZ	47.4824, 45.7322, 100.9323
YIQ	179.6130, -37.5540, 19.8060

Conversions

Conversions Part 2

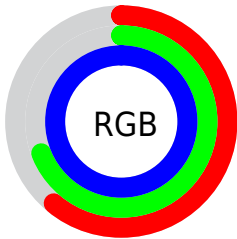
Format	Color
RYB	156, 173, 255
Decimal	10269183
CIELab	73.37, 11.51, -40.92
CIELCh	73, 42.509, 285.716
Yxy	45.7322, 0.2446, 0.2356
Android (android.graphics.Color)	4288459263 (0xFF9CB1FF)
YUV	179.6130, 37.1658, -20.7086
Hunter-Lab	67.6256, 6.9866, -41.1534

Details

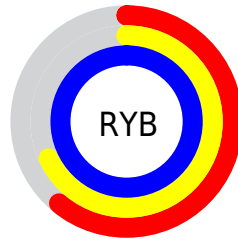
The XYZ color **47.4824, 45.7322, 100.9323** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **76.6642, 82.5066, 43.3391**, and the grayscale version is **42.9982, 45.2374, 49.2635**.

A 20% lighter version of the original color is **74.3472, 79.0794, 105.9531**, and **22.7822, 21.4538, 56.3663** is the 20% darker color. If you saturate the color by 10%, you get **39.3756, 36.0900, 99.4985**, and if you desaturate by 10%, it is **57.2121, 57.0801, 102.6099**.

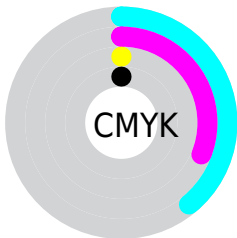
Distribution



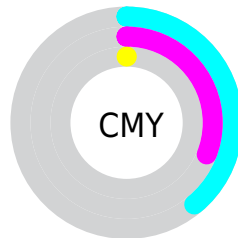
- Red (61%)
- Green (69%)
- Blue (100%)



- Red (61%)
- Yellow (68%)
- Blue (100%)



- Cyan (39%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.4824, 45.7322, 100.9323 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 47.4824, 45.7322, 100.9323 by changing the saturation by 10% instead.

■ 47.4824, 45.7322,
100.9323

■ 47.4824, 45.7322,
100.9323

367.3536,
369.7310, 584.4498

■ 33.6267, 32.0345,
76.4582

■ 85.6476, 83.8181,
164.5008

■ 22.7685, 21.3879,
56.2994

■ 110.6879,
108.9751, 204.4323

■ 14.5424, 13.4078,
40.0374

140.1870,
138.7207, 250.3532

■ 8.5831, 7.7100,
27.2537

174.5104,
173.4392, 302.6823

■ 4.5252, 3.9099,
17.5297

214.0234,
213.5151, 361.8379

■ 2.0033, 1.6233,
10.4469

259.0914,

■ 0.6358, 0.3732,

259.3328, 428.2387

5.5868

310.0797,
311.2766, 502.3031

■ 0.0000, 0.0000,
2.5308

■ 0.0000, 0.0000,
0.8564

■ 47.4824, 45.7322,
100.9323

■ 47.4824, 45.7322,
100.9323

■ 39.3756, 36.0900,
99.4985

■ 57.2121, 57.0801,
102.6099

■ 32.7965, 28.0641,
98.2961

■ 68.6438, 70.2071,
104.5412

■ 27.6465, 21.5638,
97.3128

■ 81.8567, 85.1886,
106.7365

■ 23.8130, 16.4873,
96.5350

95.0500, 100.0000,
108.9000

■ 21.1652, 12.7188,
95.9472

■ 19.5241, 10.1123,
95.5306

■ 19.3734, 9.8668,
95.4911

Harmonies

Analogous

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



40.0125, 45.7322, 101.3597



47.4824, 45.7322, 100.9323



54.6036, 45.7322, 84.4671

Triad

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



47.4824, 45.7322, 100.9323



54.3082, 45.7322, 25.7353



30.9604, 45.7322, 40.3029

Complementary

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



47.4824, 45.7322, 100.9323



76.6642, 82.5066, 43.3391

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.



33.9581, 45.7322, 26.2070



47.4824, 45.7322, 100.9323



47.1150, 45.7322, 19.5832

Square

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



47.4824, 45.7322, 100.9323



58.8423, 45.7322, 39.4453



39.6848, 45.7322, 19.7266



31.0346, 45.7322, 61.8121

Rectangle

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



47.4824, 45.7322, 100.9323



57.9470, 45.7322, 68.7388



39.6848, 45.7322, 19.7266



31.6258, 45.7322, 34.6962

Sweetspot

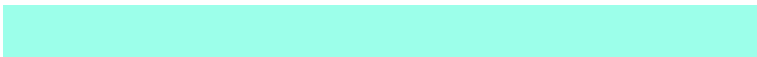
The Sweet Spot groups the original color and five complimentary colors.



47.4839, 45.7339, 100.9326



77.4600, 80.2220, 106.0096



64.2579, 84.5031, 90.4280



16.2043, 16.7458, 22.6282



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.



47.4839, 45.7339, 100.9326



40.7361, 37.7240, 99.7422



49.7190, 41.1952, 99.9387



17.3152, 18.0021, 22.8121



10.2096, 5.3288, 49.9250



1.0690, 0.6687, 4.8860

Inverse Universe

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



61.0653, 48.2128, 47.6841



56.3203, 41.1880, 38.5026



73.4242, 90.2434, 45.0032



18.1670, 18.0501, 19.4966



21.9415, 11.2659, 3.0766



2.1742, 1.1121, 0.4987

Previews

White Background



This preview shows how the XYZ color 47.4824, 45.7322, 100.9323 looks on a white background.

Color Contrast Check

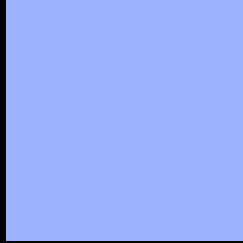
Large Text (above 18pt) WCAG AA × Fail

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 47.4824, 45.7322, 100.9323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

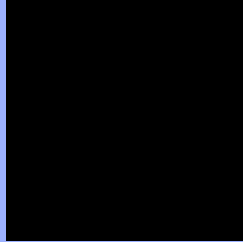
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.4824, 45.7322, 100.9323

Background



This preview shows how black text looks on a background with the XYZ color 47.4824, 45.7322, 100.9323.



This preview shows how white text looks on a background with the XYZ color 47.4824, 45.7322,

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

47.4824, 45.7322, 100.9323

Protanopia

47.2897, 45.6328, 100.9233

Deuteranopia

46.9193, 45.7362, 100.9628



Tritanopia

39.7587, 45.6446, 62.5919

Trichromacy



Original Color

47.4824, 45.7322, 100.9323

Protanomaly

47.2897, 45.6328, 100.9233

Deuteranomaly

47.1073, 45.8331, 100.9716

Tritanomaly

42.1974, 45.3833, 74.9424

Monochromacy



Original Color

47.4824, 45.7322, 100.9323

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

44.1772, 45.4031, 65.4668

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4824, 45.7322, 100.9323 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, 177, 255)` looks like.

```
.text, #text, p{  
    color:rgb(156, 177, 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, 177, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 177, 255) }
```

Border

The CSS property to change the border of an element to XYZ 47.4824, 45.7322, 100.9323 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, 177, 255) }
```


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

```
.border{ border-color:rgb(156, 177, 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, 177, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 177, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 177, 255);  
box-shadow:4px 4px 4px 4px rgb(156, 177,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4824, 45.7322, 100.9323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 177, 255) }
```

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

```
.background{ background-color: rgb(156,  
177, 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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