

Converting Colors

XYZ(47.3274, 45.9651,
100.1437)

Have a look what the booklet for
XYZ(47.3274, 45.9651, 100.1437)
contains.

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Color

**XYZ(47.3274, 45.9651,
100.1437)**

Conversions

Conversions Part 1

Format	Color
Hex	9BB2FE
RGB	155, 178, 254
RGB Percent	61%, 70%, 100%
CMY	0.3921, 0.3019, 0.0039
CMYK	0.39, 0.30, 0.00, 0.00
HSL	226°, 98%, 80%
HSV	226°, 39%, 100%
XYZ	47.3274, 45.9651, 100.1437
YIQ	179.7870, -38.1040, 18.7600

Conversions

Conversions Part 2

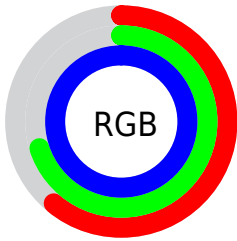
Format	Color
R _Y B	155, 174, 254
Decimal	10203902
CIE Lab	73.52, 10.43, -40.15
CIE LCh	74, 41.482, 284.561
Yxy	45.9651, 0.2447, 0.2376
Android (android.graphics.Color)	4288393982 (0xFF9BB2FE)
YUV	179.7870, 36.5870, -21.7382
Hunter-Lab	67.7976, 5.9596, -40.1189

Details

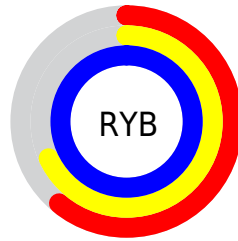
The XYZ color **47.3274, 45.9651, 100.1437** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **75.3669, 80.5911, 42.5958**, and the grayscale version is **43.0944, 45.3387, 49.3738**.

A 20% lighter version of the original color is **74.6242, 80.0627, 106.1283**, and **22.6845, 21.6056, 55.7980** is the 20% darker color. If you saturate the color by 10%, you get **39.3479, 36.4964, 98.7375**, and if you desaturate by 10%, it is **56.8868, 57.0688, 101.7839**.

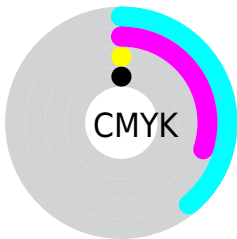
Distribution



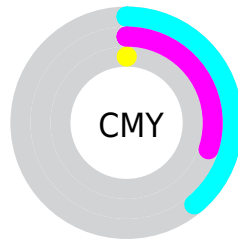
- Red (61%)
- Green (70%)
- Blue (100%)



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



- Cyan (39%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.3274, 45.9651, 100.1437 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 47.3274, 45.9651, 100.1437 by changing the saturation by 10% instead.

■ 47.3274, 45.9651,
100.1437

■ 47.3274, 45.9651,
100.1437

366.7470,
370.6683, 581.9039

■ 33.5036, 32.2183,
75.8030

■ 85.4179, 84.1668,
163.4082

■ 22.6736, 21.5283,
55.7653

■ 110.4153,
109.3904, 203.1692

■ 14.4720, 13.5107,
39.6120

139.8679,
139.2084, 248.9072

■ 8.5336, 7.7811,
26.9247

174.1411,
174.0053, 301.0410

■ 4.4929, 3.9552,
17.2847

213.6003,
214.1653, 359.9890

■ 1.9846, 1.6486,
10.2736

258.6107,

■ 0.6253, 0.3900,

260.0728, 426.1698

5.4728

309.5379,
312.1124, 500.0019

■ 0.0000, 0.0000,
2.4637

■ 0.0000, 0.0000,
0.8208

■ 47.3274, 45.9651,
100.1437

■ 47.3274, 45.9651,
100.1437

■ 39.3479, 36.4964,
98.7375

■ 56.8868, 57.0688,
101.7839

■ 32.8555, 28.5776,
97.5512

■ 68.1023, 69.8762,
103.6649

■ 27.7549, 22.1239,
96.5743

■ 81.0506, 84.4586,
105.7971

■ 23.9368, 17.0392,
95.7941

■ 94.8896, 99.9358,
108.0551

■ 21.2745, 13.2145,
95.1962

■ 19.5913, 10.5109,
94.7630

■ 19.4539, 10.2846,
94.7266

Harmonies

Analogous

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



40.0440, 45.9651, 99.8899



47.3274, 45.9651, 100.1437



54.3392, 45.9651, 84.6555

Triad

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



47.3274, 45.9651, 100.1437



54.5159, 45.9651, 26.7382



31.4659, 45.9651, 40.0564

Complementary

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



47.3274, 45.9651, 100.1437



75.3669, 80.5911, 42.5958

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.



34.5291, 45.9651, 26.4515



47.3274, 45.9651, 100.1437



47.5476, 45.9651, 20.3586

Square

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



47.3274, 45.9651, 100.1437



58.7936, 45.9651, 40.5732



40.2410, 45.9651, 20.2709



31.4211, 45.9651, 60.8941

Rectangle

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



47.3274, 45.9651, 100.1437



57.6872, 45.9651, 69.4590



40.2410, 45.9651, 20.2709



32.1601, 45.9651, 34.6392

Sweetspot

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



47.3290, 45.9668, 100.1448



77.6331, 80.5684, 106.0673



63.3706, 83.6173, 88.3284



16.2448, 16.8268, 22.6417



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.



47.3290, 45.9668, 100.1448



41.1618, 38.5752, 99.8840



48.7625, 40.4727, 99.0088



17.3454, 18.0624, 22.8221



10.3483, 5.6062, 49.9713



1.0865, 0.7036, 4.8918

Inverse Universe

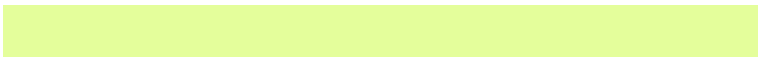
The Inverse Universe completely reimagines the original color for something new.



60.6317, 47.7297, 48.1382



56.5351, 41.2739, 39.6339



73.2277, 89.6800, 44.4628



18.1822, 18.0562, 19.5768



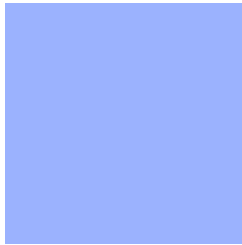
22.0115, 11.2939, 3.4453



2.1830, 1.1156, 0.5451

Previews

White Background



This preview shows how the XYZ color 47.3274, 45.9651, 100.1437 looks on a white background.

Color Contrast Check

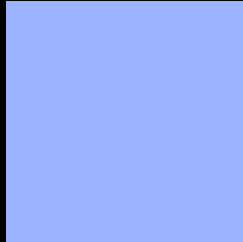
Large Text (above 18pt) WCAG AA × Fail

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 47.3274, 45.9651, 100.1437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

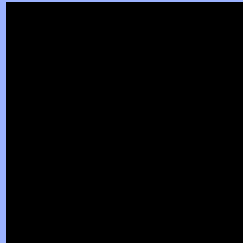
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.3274, 45.9651, 100.1437

Background



This preview shows how black text looks on a background with the XYZ color 47.3274, 45.9651, 100.1437.



This preview shows how white text looks on a background with the XYZ color 47.3274, 45.9651,

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

47.3274, 45.9651, 100.1437

Protanopia

47.7144, 46.1646, 100.1618

Deuteranopia

47.1362, 45.8666, 100.1347



Tritanopia

39.9180, 46.0290, 63.2805

Trichromacy



Original Color

47.3274, 45.9651, 100.1437

Protanomaly

47.5201, 46.0645, 100.1527

Deuteranomaly

47.1362, 45.8666, 100.1347

Tritanomaly

42.3579, 45.7580, 75.7069

Monochromacy



Original Color

47.3274, 45.9651, 100.1437

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 47.3274, 45.9651, 100.1437 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(155, 178, 254)` looks like.

```
.text, #text, p{  
    color:rgb(155, 178, 254)  
}
```

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(155, 178, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 178, 254) }
```

Border

The CSS property to change the border of an element to XYZ 47.3274, 45.9651, 100.1437 is called "border". The border property can be set on classes, ids or directly on the HTML element.

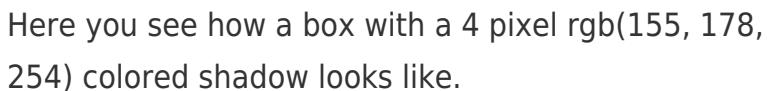
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 178, 254) }
```


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

```
.border{ border-color:rgb(155, 178, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 178, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 178, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 178, 254); box-shadow:4px 4px 4px 4px rgb(155, 178, 254) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3274, 45.9651, 100.1437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 178, 254) }
```

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

```
.background{ background-color: rgb(155,  
178, 254) }
```

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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