

Converting Colors

XYZ(9.4076, 3.8003, 48.8338)

Have a look what the booklet for
XYZ(9.4076, 3.8003, 48.8338)
contains.

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Color

**XYZ(9.4303, 3.8039,
48.9524)**

Conversions

Conversions Part 1

Format	Color
Hex	0A01BE
RGB	10, 1, 190
RGB Percent	4%, 0%, 75%
CMY	0.9606, 0.9961, 0.2549
CMYK	0.95, 0.99, 0.00, 0.25
HSL	243°, 99%, 37%
HSV	243°, 99%, 75%
XYZ	9.4303, 3.8039, 48.9524
YIQ	25.2370, -55.3050, 60.6870

Conversions

Conversions Part 2

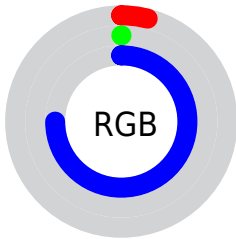
Format	Color
R_{YB}	10, 1, 190
Decimal	655806
CIE Lab	23.01, 63.32, -85.95
CIE LCh	23, 106.756, 306.377
Yxy	3.8039, 0.1516, 0.0612
Android (android.graphics.Color)	4278845886 (0xFF0A01BE)
YUV	25.2370, 81.2282, -13.3628
Hunter-Lab	19.5036, 52.1763, -135.1605

Details

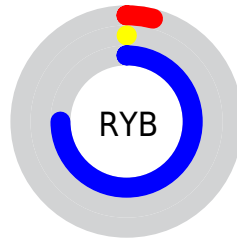
The XYZ color **9.4303, 3.8039, 48.9524** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **37.4614, 46.6459, 7.0574**, and the grayscale version is **0.8955, 0.9421, 1.0259**.

A 20% lighter version of the original color is **24.3748, 13.1656, 90.0635**, and **4.3732, 1.7493, 23.0288** is the 20% darker color. If you saturate the color by 10%, you get **9.4083, 3.7765, 48.9484**, and if you desaturate by 10%, it is **10.0267, 4.4662, 49.0490**.

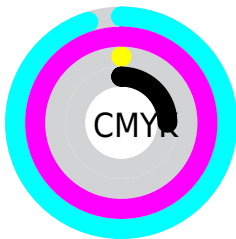
Distribution



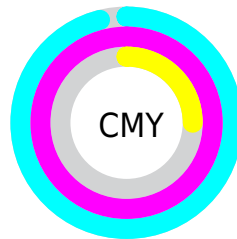
- Red (4%)
- Green (0%)
- Blue (75%)



- Red (4%)
- Yellow (0%)
- Blue (75%)



- Cyan (95%)
- Magenta (99%)
- Yellow (0%)
- Black (25%)



- Cyan (96%)
- Magenta (100%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.4303, 3.8039, 48.9524 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 9.4303, 3.8039, 48.9524 by changing the saturation by 10% instead.

■ 9.4303, 3.8039,
48.9524

■ 9.4303, 3.8039,
48.9524

180.6962,
137.5685, 399.1720

■ 5.0822, 1.5645,
34.2164

■ 24.3778, 13.1660,
90.0010

■ 2.3309, 0.3335,
22.7812

■ 35.7080, 21.0574,
117.1507

■ 0.8104, 0.0000,
14.2282

■ 50.0962, 31.6016,
149.2753

■ 0.0000, 0.0000,
8.1390

■ 67.9079, 45.1830,
186.7935

■ 0.0000, 0.0000,
4.0950

■ 89.5084, 62.1860,
230.1237


■ 0.0000, 0.0000,
1.6776

■ 115.2631, 82.9950,


■ 0.0000, 0.0000,


279.6845


0.3453

 145.5372,
107.9944, 335.8944


 0.0000, 0.0000,
0.0000


 9.4303, 3.8039,
48.9524

 9.4303, 3.8039,
48.9524

 9.4083, 3.7765,
48.9484

 10.0267, 4.4662,
49.0490

 11.1560, 5.7537,
49.2380

 12.9412, 7.8426,
49.5471

 15.4616, 10.8351,
49.9918

 18.7856, 14.8179,
50.5854

■ 22.9733, 19.8678,
51.3394

■ 28.0795, 26.0539,
52.2643

■ 34.1541, 33.4396,
53.3698

■ 41.2437, 42.0836,
54.6645

Harmonies

Analogous

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



4.4355, 3.8039, 70.9085



9.4303, 3.8039, 48.9524



14.3056, 3.8039, 18.1359

Triad

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



9.4303, 3.8039, 48.9524



7.1363, 3.8039, 0.0000



0.0000, 3.8039, 6.7410

Complementary

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



9.4303, 3.8039, 48.9524



37.4614, 46.6459, 7.0574

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.



0.0337, 3.8039, 0.0000



9.4303, 3.8039, 48.9524



2.9033, 3.8039, 0.0000

Square

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



9.4303, 3.8039, 48.9524



12.4763, 3.8039, 0.0000



0.8762, 3.8039, 0.0000



0.3232, 3.8039, 30.3030

Rectangle

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



9.4303, 3.8039, 48.9524



15.7615, 3.8039, 5.5172



0.8762, 3.8039, 0.0000



0.0000, 3.8039, 3.0164

Sweetspot

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



9.4307, 3.8039, 48.9525



49.8774, 45.9919, 94.5276



26.3848, 37.8804, 54.6364



10.0552, 9.0114, 20.5947



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



9.4307, 3.8039, 48.9525



16.9922, 6.8141, 88.6988



14.7610, 6.5518, 49.2020



9.0577, 9.2466, 11.9796



6.2750, 2.5210, 32.5488



0.2604, 0.1063, 1.2756

Inverse Universe

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



29.5805, 14.3024, 44.8864



53.5485, 25.8647, 81.1436



22.5571, 38.9625, 6.3599



9.9097, 9.6882, 11.9134



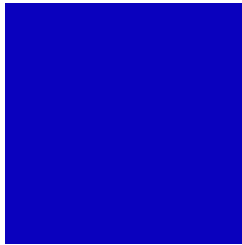
19.6675, 9.4982, 29.8723



0.7765, 0.3745, 1.2024

Previews

White Background



This preview shows how the XYZ color 9.4303, 3.8039, 48.9524 looks on a white background.

Color Contrast Check

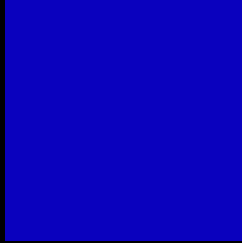
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the XYZ color 9.4303, 3.8039, 48.9524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

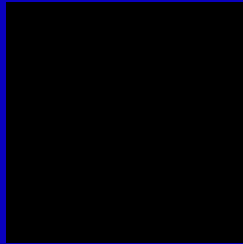
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 9.4303, 3.8039, 48.9524

Background



This preview shows how black text looks on a background with the XYZ color 9.4303, 3.8039, 48.9524.



This preview shows how white text looks on a background with the XYZ color 9.4303, 3.8039,

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

9.4303, 3.8039, 48.9524

Protanopia

4.6251, 4.1127, 17.3797

Deuteranopia

3.8161, 4.0288, 12.3809



Tritanopia

2.8465, 4.0720, 5.9461

Trichromacy



Original Color

9.4303, 3.8039, 48.9524

Protanomaly

5.7150, 3.3012, 26.7215

Deuteranomaly

4.9080, 3.0780, 22.1652

Tritanomaly

3.7676, 2.7815, 15.6675

Monochromacy



Original Color

9.4303, 3.8039, 48.9524

Achromatopsia

0.9240, 0.9721, 1.0586

Achromatomaly

2.1135, 1.1752, 8.7098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.4303, 3.8039, 48.9524 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(10, 1, 190)` looks like.

```
.text, #text, p{  
    color:rgb(10, 1, 190)  
}
```

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(10, 1, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 1, 190) }
```

Border

The CSS property to change the border of an element to XYZ 9.4303, 3.8039, 48.9524 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(10, 1, 190) }
```


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

```
.border{ border-color:rgb(10, 1, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 1, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 1, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 1, 190);  
box-shadow:4px 4px 4px 4px rgb(10, 1, 190)  
}
```

Background

The CSS property to change the background color of an element to XYZ 9.4303, 3.8039, 48.9524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 1, 190) }
```

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

```
.background{ background-color: rgb(10, 1,  
190) }
```

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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