

Converting Colors

XYZ(11.5485, 4.8640, 49.7647)

Have a look what the booklet for
XYZ(11.5485, 4.8640, 49.7647)
contains.

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Color

**XYZ(11.5183, 4.8516,
49.6196)**

Conversions

Conversions Part 1

Format	Color
Hex	4000BF
RGB	64, 0, 191
RGB Percent	25%, 0%, 75%
CMY	0.7490, 1.0000, 0.2510
CMYK	0.66, 1.00, 0.00, 0.25
HSL	260°, 100%, 37%
HSV	260°, 100%, 75%
XYZ	11.5183, 4.8516, 49.6196
YIQ	40.9100, -23.1670, 72.9690

Conversions

Conversions Part 2

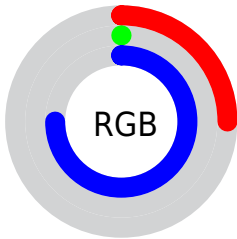
Format	Color
RYB	64, 0, 191
Decimal	4194495
CIELab	26.31, 65.07, -80.96
CIELCh	26, 103.871, 308.789
Yxy	4.8516, 0.1745, 0.0735
Android (android.graphics.Color)	4282384575 (0xFF4000BF)
YUV	40.9100, 73.9944, 20.2499
Hunter-Lab	22.0263, 54.7974, -118.1464

Details

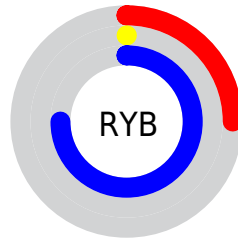
The XYZ color **11.5183, 4.8516, 49.6196** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **27.3823, 41.7733, 6.6199**, and the grayscale version is **2.0359, 2.1419, 2.3326**.

A 20% lighter version of the original color is **28.2530, 15.4818, 91.1217**, and **4.4439, 1.7776, 23.4014** is the 20% darker color. If you saturate the color by 10%, you get **11.5188, 4.8518, 49.6198**, and if you desaturate by 10%, it is **12.6755, 5.7963, 49.7411**.

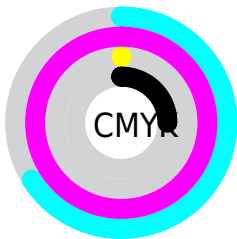
Distribution



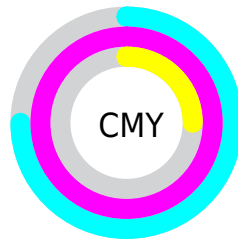
- Red (25%)
- Green (0%)
- Blue (75%)



- Red (25%)
- Yellow (0%)
- Blue (75%)



- Cyan (66%)
- Magenta (100%)
- Yellow (0%)
- Black (25%)



- Cyan (75%)
- Magenta (100%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5183, 4.8516, 49.6196 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 11.5183, 4.8516, 49.6196 by changing the saturation by 10% instead.

■ 11.5183, 4.8516,
49.6196

■ 11.5183, 4.8516,
49.6196

195.0254,
148.3821, 401.8688

■ 6.4864, 2.1605,
34.7422

■ 28.2392, 15.4971,
91.0015

■ 3.1865, 0.6983,
23.1824

■ 40.6590, 24.2203,
118.3430

■ 1.2531, 0.0000,
14.5217

■ 56.2721, 35.7230,
150.6764

■ 0.1477, 0.0000,
8.3415

■ 75.4440, 50.3895,
188.4201

■ 0.0000, 0.0000,
4.2233

■ 98.5398, 68.6043,
231.9926


■ 0.0000, 0.0000,
1.7487

■ 125.9252, 90.7517,

■ 0.0000, 0.0000,


281.8126


0.3938


 157.9652,
117.2162, 338.2985

 0.0000, 0.0000,
0.0000

 11.5183, 4.8516,
49.6196


 11.5183, 4.8516,
49.6196


 11.5188, 4.8518,
49.6198

 12.6755, 5.7963,
49.7411

 14.2624, 7.3046,
49.9486

 16.3734, 9.5485,
50.2705

 19.0606, 12.6174,
50.7212

 22.3690, 16.5872,
51.3131

■ 26.3387, 21.5252,
52.0570

■ 31.0061, 27.4918,
52.9627

■ 36.4051, 34.5427,
54.0391

■ 42.5668, 42.7293,
55.2945

Harmonies

Analogous

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



5.9230, 4.8516, 73.6906



11.5183, 4.8516, 49.6196



16.5482, 4.8516, 18.3766

Triad

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



11.5183, 4.8516, 49.6196



8.0901, 4.8516, 0.0000



0.2623, 4.8516, 9.5350

Complementary

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



11.5183, 4.8516, 49.6196



27.3823, 41.7733, 6.6199

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.



0.4043, 4.8516, 0.5437



11.5183, 4.8516, 49.6196



3.5091, 4.8516, 0.0000

Square

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



11.5183, 4.8516, 49.6196



13.8836, 4.8516, 0.0000



1.2269, 4.8516, 0.0000



0.7917, 4.8516, 35.7800

Rectangle

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



11.5183, 4.8516, 49.6196



17.8269, 4.8516, 5.7742



1.2269, 4.8516, 0.0000



0.2331, 4.8516, 4.8197

Sweetspot

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



11.5188, 4.8518, 49.6198



55.1058, 48.6872, 94.7723



17.0365, 19.0267, 52.0650



11.2885, 9.6472, 20.6524



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.



11.5188, 4.8518, 49.6198



20.4002, 8.5710, 88.8583



23.7352, 11.1496, 50.1915



9.3097, 9.3765, 11.9914



7.6474, 3.2284, 32.6130



0.3704, 0.1630, 1.2808

Inverse Universe

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



25.3163, 12.6086, 21.1759



45.2238, 22.5348, 37.3062



19.2214, 37.5662, 6.2379



9.7903, 9.6404, 11.2849



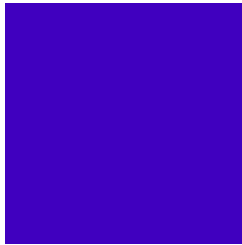
16.6761, 8.3016, 14.1200



0.6825, 0.3369, 0.7071

Previews

White Background



This preview shows how the XYZ color 11.5183, 4.8516, 49.6196 looks on a white background.

Color Contrast Check

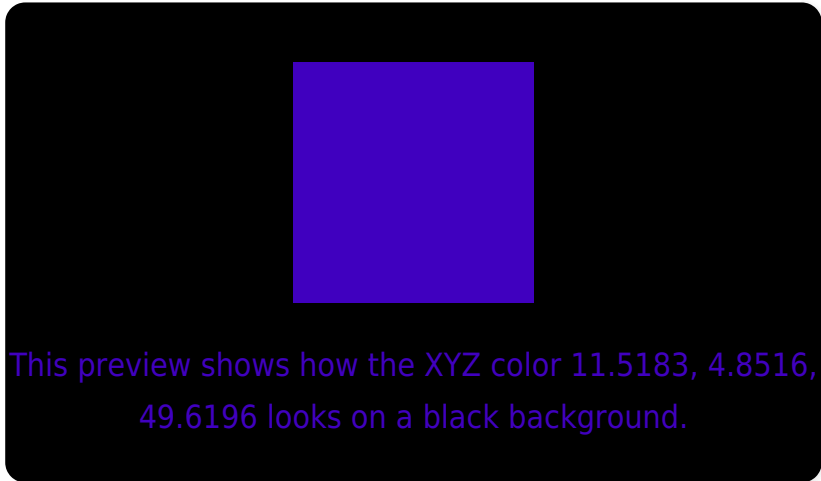
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

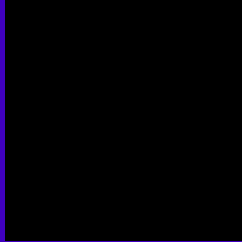
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.5183, 4.8516, 49.6196

Background



This preview shows how black text looks on a background with the XYZ color 11.5183, 4.8516, 49.6196.



This preview shows how white text looks on a background with the XYZ color 11.5183, 4.8516,

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

11.5183, 4.8516, 49.6196

Protanopia

5.8194, 5.0839, 22.1473

Deuteranopia

4.8764, 5.1620, 15.7783



Tritanopia

3.6219, 5.1565, 7.6419

Trichromacy



Original Color

11.5183, 4.8516, 49.6196

Protanomaly

6.8286, 3.9331, 30.5362

Deuteranomaly

5.9509, 3.8034, 25.2314

Tritanomaly

4.6004, 3.4442, 17.5619

Monochromacy



Original Color

11.5183, 4.8516, 49.6196

Achromatopsia

2.1076, 2.2174, 2.4147

Achromatomaly

3.7473, 2.2363, 11.3005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5183, 4.8516, 49.6196 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(64, 0, 191)` looks like.

```
.text, #text, p{  
    color:rgb(64, 0, 191)  
}
```

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(64, 0, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 0, 191) }
```

Border

The CSS property to change the border of an element to XYZ 11.5183, 4.8516, 49.6196 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(64, 0, 191) }
```


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

```
.border{ border-color:rgb(64, 0, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 0, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 0, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 0, 191);  
box-shadow:4px 4px 4px 4px rgb(64, 0, 191)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.5183, 4.8516, 49.6196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 0, 191) }
```

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

```
.background{ background-color: rgb(64, 0,  
191) }
```

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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