

Converting Colors

XYZ(18.4262, 11.1379, 1.1787)

Have a look what the booklet for
XYZ(18.4262, 11.1379, 1.1787)
contains.

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Color

**XYZ(18.3319, 11.0809,
1.1726)**

Conversions

Conversions Part 1

Format	Color
Hex	AD3100
RGB	173, 49, 0
RGB Percent	68%, 19%, 0%
CMY	0.3216, 0.8078, 1.0000
CMYK	0.00, 0.72, 1.00, 0.32
HSL	17°, 100%, 34%
HSV	17°, 100%, 68%
XYZ	18.3319, 11.0809, 1.1726
YIQ	80.4900, 89.6330, 11.0490

Conversions

Conversions Part 2

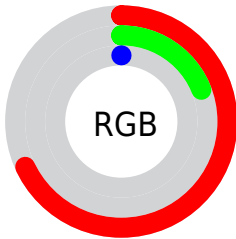
Format	Color
RYB	173, 68, 0
Decimal	11350272
CIELab	39.72, 48.73, 51.90
CIELCh	40, 71.188, 46.803
Yxy	11.0809, 0.5994, 0.3623
Android (android.graphics.Color)	4289540352 (0xFFAD3100)
YUV	80.4900, -39.6816, 81.1313
Hunter-Lab	33.2880, 40.0471, 21.2130

Details

The XYZ color **18.3319, 11.0809, 1.1726** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **14.7493, 17.4301, 42.1218**, and the grayscale version is **7.7846, 8.1900, 8.9189**.

A 20% lighter version of the original color is **40.0849, 27.7904, 6.6195**, and **6.5555, 3.3795, 0.3068** is the 20% darker color. If you saturate the color by 10%, you get **18.3321, 11.0815, 1.1727**, and if you desaturate by 10%, it is **19.0276, 12.3068, 1.9153**.

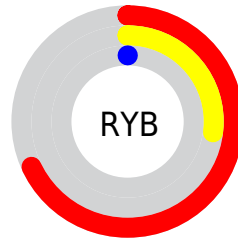
Distribution



Red (68%)

Green (19%)

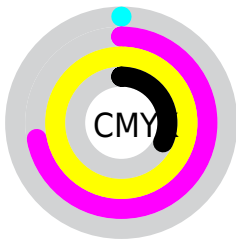
Blue (0%)



Red (68%)

Yellow (27%)

Blue (0%)

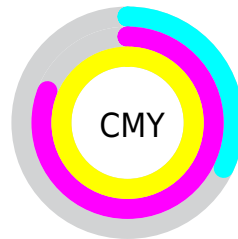


Cyan (0%)

Magenta (72%)

Yellow (100%)

Black (32%)



Cyan (32%)


Magenta (81%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3319, 11.0809, 1.1726 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 18.3319, 11.0809, 1.1726 by changing the saturation by 10% instead.


 18.3319, 11.0809,
1.1726


 18.3319, 11.0809,
1.1726


 235.7448,
198.2217, 107.8069


 11.2897, 6.1213,
0.0000


 40.1277, 27.8097,
6.6215


 6.3307, 2.9190,
0.0000


 55.6120, 40.3476,
12.0005


 3.0898, 1.0896,
0.0000

 74.6411, 56.1804,
19.7073

 1.2014, 0.0000,
0.0000

 97.5802, 75.6925,
30.1604


 0.1075, 0.0000,
0.0000


 124.7948, 99.2683,
43.7784


 0.0000, 0.0000,
0.0000


 156.6502,


127.2922, 60.9798


 193.5117,
160.1485, 82.1831


 18.3319, 11.0809,
1.1726


 18.3319, 11.0809,
1.1726


 18.3321, 11.0815,
1.1727

 19.0276, 12.3068,
1.9153

 19.9668, 13.8750,
3.1850

 21.1953, 15.8198,
5.1735

 22.7384, 18.1654,
7.9707

 24.6183, 20.9340,
11.6533

■ 26.8551, 24.1459,
16.2888

■ 29.4672, 27.8199,
21.9381

■ 32.4715, 31.9739,
28.6571

■ 35.8840, 36.6247,
36.4975

Harmonies

Analogous

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



22.2829, 11.0809, 5.8537



18.3319, 11.0809, 1.1726



12.8183, 11.0809, 0.0000

Triad

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



18.3319, 11.0809, 1.1726



3.7920, 11.0809, 6.9191



13.4782, 11.0809, 60.2671

Complementary

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



18.3319, 11.0809, 1.1726



14.7493, 17.4301, 42.1218

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.



8.5353, 11.0809, 61.5525



18.3319, 11.0809, 1.1726



3.8697, 11.0809, 21.5989

Square

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



18.3319, 11.0809, 1.1726



5.0735, 11.0809, 1.4434



5.3339, 11.0809, 44.0853



18.9415, 11.0809, 41.3144

Rectangle

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



18.3319, 11.0809, 1.1726



9.4612, 11.0809, 0.0000



5.3339, 11.0809, 44.0853



11.6809, 11.0809, 63.1051

Sweetspot

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



18.3321, 11.0816, 1.1728



52.5122, 49.4583, 38.7128



21.0555, 10.4130, 20.9332



10.9835, 10.1482, 7.4780



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



18.3321, 11.0816, 1.1728



32.6738, 19.5298, 2.0475



25.5708, 25.5589, 3.5857



8.1831, 8.3711, 8.3979



13.5108, 8.2271, 0.8759



0.4228, 0.3227, 0.0400

Inverse Universe

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



14.7493, 17.4301, 42.1218



26.2240, 30.8339, 75.3751



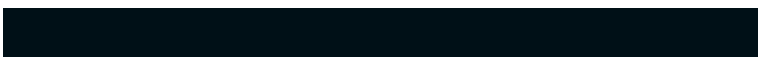
8.3140, 4.5596, 39.9767



8.0417, 8.6828, 10.2048



10.8859, 12.9057, 30.9618



0.3462, 0.4457, 0.8758

Previews

White Background



This preview shows how the XYZ color 18.3319, 11.0809, 1.1726 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 18.3319, 11.0809, 1.1726

Background



This preview shows how black text looks on a background with the XYZ color 18.3319, 11.0809, 1.1726.



This preview shows how white text looks on a background with the XYZ color 18.3319, 11.0809,

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

18.3319, 11.0809, 1.1726

Protanopia

10.2732, 11.3572, 2.2668

Deuteranopia

11.2639, 11.2343, 1.5748



Tritanopia

18.9456, 11.1579, 3.8445

Trichromacy



Original Color

18.3319, 11.0809, 1.1726

Protanomaly

12.1508, 10.3006, 1.6956

Deuteranomaly

13.1635, 10.5211, 1.3370

Tritanomaly

18.7064, 11.1254, 2.3898

Monochromacy



Original Color

18.3319, 11.0809, 1.1726

Achromatopsia

7.6249, 8.0220, 8.7359

Achromatomaly

9.6651, 8.0727, 4.1807

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3319, 11.0809, 1.1726 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(173, 49, 0)` looks like.

```
.text, #text, p{  
    color:rgb(173, 49, 0)  
}
```

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(173, 49, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 49, 0) }
```

Border

The CSS property to change the border of an element to XYZ 18.3319, 11.0809, 1.1726 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(173, 49, 0) }
```


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

```
.border{ border-color:rgb(173, 49, 0) }
```

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

Here you see how a box with a 4 pixel rgb(173, 49, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 49, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 49, 0);  
box-shadow:4px 4px 4px 4px rgb(173, 49, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 18.3319, 11.0809, 1.1726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 49, 0) }
```

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

```
.background{ background-color: rgb(173, 49,  
0) }
```

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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