

Converting Colors

XYZ(11.1440, 12.3307, 1.7927)

Have a look what the booklet for
XYZ(11.1440, 12.3307, 1.7927)
contains.

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Color

**XYZ(11.1439, 12.3684,
1.8000)**

Conversions

Conversions Part 1

Format	Color
Hex	706300
RGB	112, 99, 0
RGB Percent	44%, 39%, 0%
CMY	0.5608, 0.6118, 1.0000
CMYK	0.00, 0.12, 1.00, 0.56
HSL	53°, 100%, 22%
HSV	53°, 100%, 44%
XYZ	11.1439, 12.3684, 1.8000
YIQ	91.6010, 39.5270, -28.0330

Conversions

Conversions Part 2

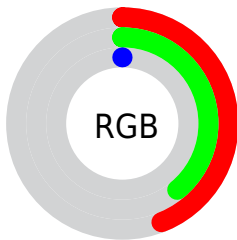
Format	Color
R_YB	15, 112, 0
Decimal	7365376
CIE Lab	41.80, -4.40, 48.70
CIE LCh	42, 48.897, 95.162
Yxy	12.3684, 0.4403, 0.4886
Android (android.graphics.Color)	4285555456 (0xFF706300)
YUV	91.6010, -45.1593, 17.8899
Hunter-Lab	35.1687, -4.9841, 21.5835

Details

The XYZ color **11.1439, 12.3684, 1.8000** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3.0686, 1.4578, 15.4487**, and the grayscale version is **10.1754, 10.7053, 11.6581**.

A 20% lighter version of the original color is **27.4732, 30.0261, 8.4853**, and **3.1366, 3.5069, 0.5116** is the 20% darker color. If you saturate the color by 10%, you get **11.1441, 12.3689, 1.8001**, and if you desaturate by 10%, it is **11.3299, 12.6419, 2.1659**.

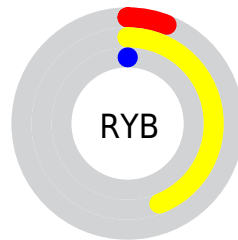
Distribution



Red (44%)

Green (39%)

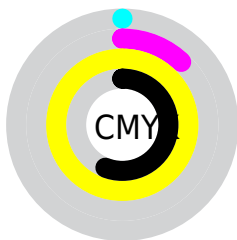
Blue (0%)



Red (6%)

Yellow (44%)

Blue (0%)

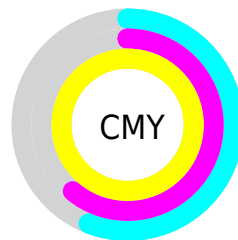


Cyan (0%)

Magenta (12%)

Yellow (100%)

Black (56%)



Cyan (56%)

Magenta (61%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1439, 12.3684, 1.8000 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 11.1439, 12.3684, 1.8000 by changing the saturation by 10% instead.

■ 11.1439, 12.3684,
1.8000

■ 11.1439, 12.3684,
1.8000

■ 192.5401,
206.8292, 119.1896

■ 6.2317, 6.9951,
0.4280

■ 27.5566, 30.1643,
8.4864

■ 3.0285, 3.4590,
0.0000

■ 39.7877, 43.3557,
14.7312

■ 1.1688, 1.3758,
0.0000

■ 55.1893, 59.9219,
23.4684

■ 0.0816, 0.1988,
0.0000

■ 74.1266, 80.2474,
35.1165


■ 0.0000, 0.0000,
0.0000


■ 96.9649, 104.7164,
50.0942


■ 124.0697,


133.7135, 68.8199


 155.8064,
167.6229, 91.7122


 11.1439, 12.3684,
1.8000


 11.1439, 12.3684,
1.8000


 11.1441, 12.3689,
1.8001

 11.3299, 12.6419,
2.1659

 11.5432, 12.9290,
2.6669

 11.8056, 13.2390,
3.4168

 12.1226, 13.5740,
4.4441

 12.4988, 13.9359,
5.7732

■ 12.9383, 14.3264,
7.4258

■ 13.4449, 14.7470,
9.4219

■ 14.0222, 15.1991,
11.7796

■ 14.6732, 15.6840,
14.5158

Harmonies

Analogous

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



14.9098, 12.3684, 2.2984



11.1439, 12.3684, 1.8000



8.2029, 12.3684, 2.8920

Triad

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



11.1439, 12.3684, 1.8000



6.9562, 12.3684, 28.4144



19.2232, 12.3684, 23.6290

Complementary

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



11.1439, 12.3684, 1.8000



3.0686, 1.4578, 15.4487

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.



16.2099, 12.3684, 37.0457



11.1439, 12.3684, 1.8000



9.0812, 12.3684, 40.6591

Square

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



11.1439, 12.3684, 1.8000



6.1215, 12.3684, 15.3307



12.3897, 12.3684, 44.4329



20.0856, 12.3684, 11.7609

Rectangle

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



11.1439, 12.3684, 1.8000



6.9403, 12.3684, 5.0199



12.3897, 12.3684, 44.4329



18.4019, 12.3684, 28.2635

Sweetspot

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



11.1442, 12.3690, 1.8002



23.5450, 25.8469, 16.2522



6.7552, 3.4741, 0.6977



5.5843, 6.1505, 3.6170



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



11.1442, 12.3690, 1.8002



19.5212, 21.6163, 3.1435



8.2532, 12.8559, 2.0466



3.6105, 3.8534, 3.6268



12.8730, 14.2785, 2.0775



63.7207, 70.3167, 10.2140

Inverse Universe

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



3.0686, 1.4578, 15.4487



5.3363, 2.4519, 27.1218



3.9182, 1.6822, 15.4472



3.2459, 3.3571, 4.2311



3.5369, 1.6640, 17.8564



17.2747, 7.6013, 88.8358

Previews

White Background



This preview shows how the XYZ color 11.1439, 12.3684, 1.8000 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



This preview shows how the XYZ color 11.1439, 12.3684, 1.8000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

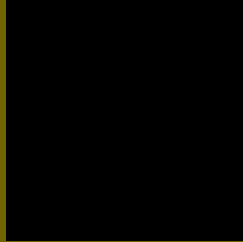
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.1439, 12.3684, 1.8000

Background



This preview shows how black text looks on a background with the XYZ color 11.1439, 12.3684, 1.8000.



This preview shows how white text looks on a background with the XYZ color 11.1439, 12.3684,

1.8000.

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

11.1439, 12.3684, 1.8000

Protanopia

11.1494, 12.3706, 1.8288

Deuteranopia

12.5265, 12.3919, 2.0795



Tritanopia

13.5505, 12.4067, 13.4849

Trichromacy



Original Color

11.1439, 12.3684, 1.8000

Protanomaly

11.1494, 12.3706, 1.8288

Deuteranomaly

11.9724, 12.3763, 1.9876

Tritanomaly

12.1919, 12.2563, 6.4257

Monochromacy



Original Color

11.1439, 12.3684, 1.8000

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

10.0272, 11.1528, 5.7619

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1439, 12.3684, 1.8000 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(112, 99, 0)` looks like.

```
.text, #text, p{  
    color:rgb(112, 99, 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(112, 99, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 99, 0) }
```

Border

The CSS property to change the border of an element to XYZ 11.1439, 12.3684, 1.8000 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(112, 99, 0) }
```


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

```
.border{ border-color:rgb(112, 99, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 99, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 99, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 99, 0);  
box-shadow:4px 4px 4px 4px rgb(112, 99, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.1439, 12.3684, 1.8000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 99, 0) }
```

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

```
.background{ background-color: rgb(112, 99,  
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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