

Converting Colors

XYZ(11.1448, 17.7669, 1.2067)

Have a look what the booklet for
XYZ(11.1448, 17.7669, 1.2067)
contains.

XYZ(11.5096, 17.9819, 2.8642)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(11.5096, 17.9819,
2.8642)**

Conversions

Conversions Part 1

Format	Color
Hex	518300
RGB	81, 131, 0
RGB Percent	32%, 51%, 0%
CMY	0.6824, 0.4863, 1.0000
CMYK	0.38, 0.00, 1.00, 0.49
HSL	83°, 100%, 26%
HSV	83°, 100%, 51%
XYZ	11.5096, 17.9819, 2.8642
YIQ	101.1160, 12.2510, -51.3410

Conversions

Conversions Part 2

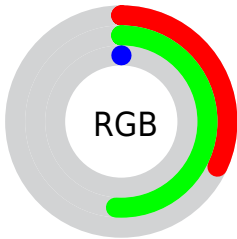
Format	Color
RYB	0, 131, 50
Decimal	5341952
CIELab	49.47, -34.85, 53.41
CIELCh	49, 63.769, 123.125
Yxy	17.9819, 0.3557, 0.5558
Android (android.graphics.Color)	4283532032 (0xFF518300)
YUV	101.1160, -49.8502, -17.6417
Hunter-Lab	42.4051, -25.7603, 25.6789

Details

The XYZ color **11.5096, 17.9819, 2.8642** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5.4130, 2.3173, 21.6357**, and the grayscale version is **12.5229, 13.1751, 14.3477**.

A 20% lighter version of the original color is **28.0863, 39.8135, 11.2055**, and **3.3684, 6.1045, 1.0007** is the 20% darker color. If you saturate the color by 10%, you get **11.5097, 17.9825, 2.8644**, and if you desaturate by 10%, it is **12.0278, 18.2411, 3.2714**.

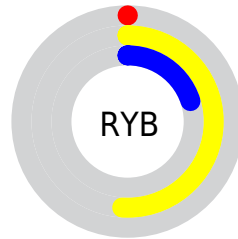
Distribution



Red (32%)

Green (51%)

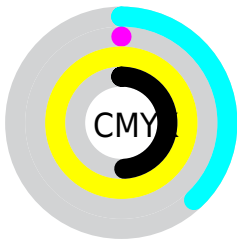
Blue (0%)



Red (0%)

Yellow (51%)

Blue (20%)

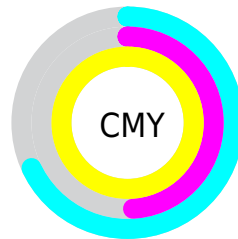


Cyan (38%)

Magenta (0%)

Yellow (100%)

Black (49%)



Cyan (68%)

Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5096, 17.9819, 2.8642 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 11.5096, 17.9819, 2.8642 by changing the saturation by 10% instead.

■ 11.5096, 17.9819,
2.8642

■ 11.5096, 17.9819,
2.8642

194.9681,
240.7690, 134.6118

■ 6.4805, 10.9370,
1.0257

■ 28.2234, 40.0065,
11.2915

■ 3.1828, 6.0245,
0.0000

■ 40.6388, 55.7549,
18.7173

■ 1.2512, 2.8600,
0.0000

■ 56.2471, 75.1734,
28.8427

■ 0.1462, 1.0591,
0.0000


■ 75.4135, 98.6462,
42.0862


■ 0.0000, 0.0000,
0.0000


■ 98.5035, 126.5578,
58.8663


■ 125.8823,


159.2925, 79.6016


 157.9154,
197.2348, 104.7106


 11.5096, 17.9819,
2.8642


 11.5096, 17.9819,
2.8642


 11.5097, 17.9825,
2.8644

 12.0278, 18.2411,
3.2714

 12.6199, 18.5331,
3.9016

 13.3120, 18.8688,
4.8868

 14.1128, 19.2518,
6.2695

 15.0298, 19.6853,
8.0862

■ 16.0697, 20.1719,
10.3694

■ 17.2388, 20.7143,
13.1485

■ 18.5425, 21.3147,
16.4503

■ 19.9863, 21.9753,
20.2999

Harmonies

Analogous

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



16.4674, 17.9819, 1.6221



11.5096, 17.9819, 2.8642



8.6998, 17.9819, 8.0842

Triad

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



11.5096, 17.9819, 2.8642



12.3707, 17.9819, 66.5949



31.4662, 17.9819, 17.8255

Complementary

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



11.5096, 17.9819, 2.8642



5.4130, 2.3173, 21.6357

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.



29.6486, 17.9819, 38.7347



11.5096, 17.9819, 2.8642



17.7307, 17.9819, 74.9125

Square

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



11.5096, 17.9819, 2.8642



9.1087, 17.9819, 43.8849



24.2365, 17.9819, 62.5870



28.7461, 17.9819, 6.4684

Rectangle

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



11.5096, 17.9819, 2.8642



7.9762, 17.9819, 15.8699



24.2365, 17.9819, 62.5870



31.3671, 17.9819, 23.8257

Sweetspot

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



11.5100, 17.9827, 2.8646



30.7157, 37.0220, 23.1678



10.4191, 6.9427, 0.7911



6.9702, 8.5357, 4.9562



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



11.5100, 17.9827, 2.8646



20.4349, 32.1109, 5.1210



8.3565, 16.3570, 2.7170



4.8721, 5.3366, 5.0027



11.3320, 17.7018, 2.8195



0.0474, 0.0655, 0.0101

Inverse Universe

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



5.4130, 2.3173, 21.6357



9.5308, 4.0658, 38.7356



10.9763, 5.1854, 21.8961



4.5901, 4.6248, 5.8515



5.3305, 2.2821, 21.2962



0.0262, 0.0119, 0.0741

Previews

White Background



This preview shows how the XYZ color 11.5096, 17.9819, 2.8642 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 11.5096, 17.9819, 2.8642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

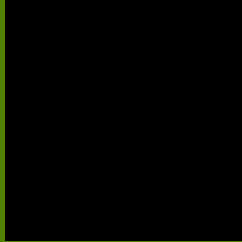
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 11.5096, 17.9819, 2.8642

Background



This preview shows how black text looks on a background with the XYZ color 11.5096, 17.9819, 2.8642.



This preview shows how white text looks on a background with the XYZ color 11.5096, 17.9819,

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

11.5096, 17.9819, 2.8642

Protanopia

15.9942, 17.8624, 2.6048

Deuteranopia

18.0836, 17.7394, 3.4482



Tritanopia

15.8437, 18.0179, 24.4725

Trichromacy



Original Color

11.5096, 17.9819, 2.8642

Protanomaly

13.8930, 17.6766, 2.6797

Deuteranomaly

14.8918, 17.2824, 3.0813

Tritanomaly

13.1503, 17.4810, 11.0686

Monochromacy



Original Color

11.5096, 17.9819, 2.8642

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

11.3357, 14.3382, 7.0206

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5096, 17.9819, 2.8642 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(81, 131, 0)` looks like.

```
.text, #text, p{  
    color:rgb(81, 131, 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(81, 131, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 131, 0) }
```

Border

The CSS property to change the border of an element to XYZ 11.5096, 17.9819, 2.8642 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(81, 131, 0) }
```


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

```
.border{ border-color:rgb(81, 131, 0) }
```

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

Here you see how a box with a 4 pixel rgb(81, 131, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 131, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 131, 0);  
box-shadow:4px 4px 4px 4px rgb(81, 131, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.5096, 17.9819, 2.8642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 131, 0) }
```

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

```
.background{ background-color: rgb(81, 131,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor