

Converting Colors

XYZ(11.3650, 18.2289, 2.9195)

Have a look what the booklet for
XYZ(11.3650, 18.2289, 2.9195)
contains.

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Color

**XYZ(11.4481, 18.3528,
2.9391)**

Conversions

Conversions Part 1

Format	Color
Hex	4D8500
RGB	77, 133, 0
RGB Percent	30%, 52%, 0%
CMY	0.6980, 0.4784, 1.0000
CMYK	0.42, 0.00, 1.00, 0.48
HSL	85°, 100%, 26%
HSV	85°, 100%, 52%
XYZ	11.4481, 18.3528, 2.9391
YIQ	101.0940, 9.3170, -53.2350

Conversions

Conversions Part 2

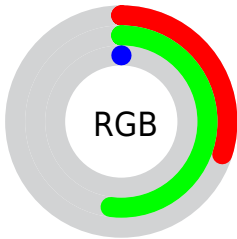
Format	Color
RYB	0, 133, 56
Decimal	5080320
CIELab	49.92, -37.22, 53.66
CIELCh	50, 65.305, 124.742
Yxy	18.3528, 0.3497, 0.5606
Android (android.graphics.Color)	4283270400 (0xFF4D8500)
YUV	101.0940, -49.8393, -21.1304
Hunter-Lab	42.8402, -27.2701, 25.9205

Details

The XYZ color **11.4481, 18.3528, 2.9391** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5.8656, 2.5349, 22.3714**, and the grayscale version is **12.5178, 13.1697, 14.3418**.

A 20% lighter version of the original color is **28.2694, 40.8395, 11.5471**, and **3.3817, 6.3352, 1.0446** is the 20% darker color. If you saturate the color by 10%, you get **11.4481, 18.3534, 2.9392**, and if you desaturate by 10%, it is **11.9947, 18.6266, 3.3545**.

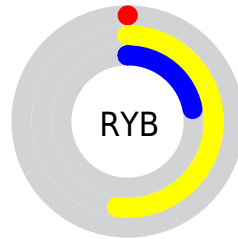
Distribution



Red (30%)

Green (52%)

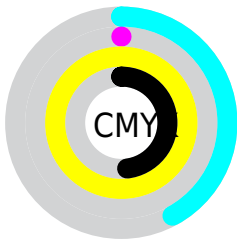
Blue (0%)



Red (0%)

Yellow (52%)

Blue (22%)

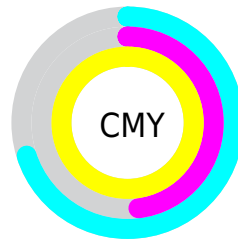


Cyan (42%)

Magenta (0%)

Yellow (100%)

Black (48%)



Cyan (70%)

Magenta (48%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4481, 18.3528, 2.9391 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 11.4481, 18.3528, 2.9391 by changing the saturation by 10% instead.

■ 11.4481, 18.3528,
2.9391

■ 11.4481, 18.3528,
2.9391

194.5620,
242.8522, 135.5812

■ 6.4386, 11.2036,
1.0636

■ 28.1115, 40.6376,
11.4778

■ 3.1567, 6.2039,
0.0000

■ 40.4961, 56.5419,
18.9781

■ 1.2372, 2.9695,
0.0000

■ 56.0698, 76.1334,
29.1904

■ 0.1354, 1.1158,
0.0000


■ 75.1980, 99.7965,
42.5333


■ 0.0000, 0.0000,
0.0000


■ 98.2459, 127.9155,
59.4252


■ 125.5790,


160.8748, 80.2849


 157.5625,
199.0589, 105.5306


 11.4481, 18.3528,
2.9391


 11.4481, 18.3528,
2.9391


 11.4481, 18.3534,
2.9392

 11.9947, 18.6266,
3.3545

 12.6249, 18.9377,
4.0034

 13.3652, 19.2976,
5.0200

 14.2251, 19.7102,
6.4484

 15.2125, 20.1787,
8.3268

■ 16.3348, 20.7061,
10.6888

■ 17.5984, 21.2952,
13.5649

■ 19.0095, 21.9484,
16.9830

■ 20.5737, 22.6682,
20.9691

Harmonies

Analogous

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



16.4682, 18.3528, 1.5601



11.4481, 18.3528, 2.9391



8.6706, 18.3528, 8.5945

Triad

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



11.4481, 18.3528, 2.9391



12.7987, 18.3528, 70.1277



32.3849, 18.3528, 17.2684

Complementary

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



11.4481, 18.3528, 2.9391



5.8656, 2.5349, 22.3714

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.



30.7389, 18.3528, 38.5783



11.4481, 18.3528, 2.9391



18.4572, 18.3528, 77.7185

Square

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



11.4481, 18.3528, 2.9391



9.3097, 18.3528, 46.7424



25.2350, 18.3528, 63.7546



29.3109, 18.3528, 6.0792

Rectangle

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



11.4481, 18.3528, 2.9391



7.9990, 18.3528, 16.9900



25.2350, 18.3528, 63.7546



32.3707, 18.3528, 23.3085

Sweetspot

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



11.4485, 18.3536, 2.9395



31.3494, 38.0573, 23.9051



11.0598, 7.7596, 0.9151



6.8753, 8.4868, 4.9518



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.



11.4485, 18.3536, 2.9395



20.3182, 32.7719, 5.2547



8.5272, 16.8476, 2.8028



4.8552, 5.3279, 5.0019



10.9134, 17.4860, 2.7999



0.0462, 0.0649, 0.0101

Inverse Universe

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



5.8656, 2.5349, 22.3714



10.3306, 4.4498, 40.0528



12.2487, 5.8255, 22.6701



4.6066, 4.6333, 5.8523



5.5953, 2.4186, 21.3086



0.0274, 0.0125, 0.0742

Previews

White Background



This preview shows how the XYZ color 11.4481, 18.3528, 2.9391 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 11.4481, 18.3528, 2.9391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

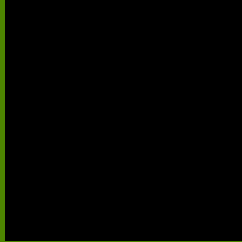
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 11.4481, 18.3528, 2.9391

Background



This preview shows how black text looks on a background with the XYZ color 11.4481, 18.3528, 2.9391.



This preview shows how white text looks on a background with the XYZ color 11.4481, 18.3528,

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

11.4481, 18.3528, 2.9391

Protanopia

16.4283, 18.2620, 2.6590

Deuteranopia

18.3750, 18.0525, 3.4933



Tritanopia

15.9244, 18.4118, 25.2688

Trichromacy



Original Color

11.4481, 18.3528, 2.9391

Protanomaly

14.0177, 17.9260, 2.7213

Deuteranomaly

14.9860, 17.6844, 3.1539

Tritanomaly

13.1595, 17.8609, 11.3482

Monochromacy



Original Color

11.4481, 18.3528, 2.9391

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

11.2442, 14.4557, 7.0481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4481, 18.3528, 2.9391 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(77, 133, 0)` looks like.

```
.text, #text, p{  
    color:rgb(77, 133, 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(77, 133, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 133, 0) }
```

Border

The CSS property to change the border of an element to XYZ 11.4481, 18.3528, 2.9391 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(77, 133, 0) }
```


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

```
.border{ border-color:rgb(77, 133, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 133, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 133, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 133, 0);  
box-shadow:4px 4px 4px 4px rgb(77, 133, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.4481, 18.3528, 2.9391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 133, 0) }
```

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

```
.background{ background-color: rgb(77, 133,  
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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