

Converting Colors

XYZ(11.1226, 18.6265, 3.0091)

Have a look what the booklet for
XYZ(11.1226, 18.6265, 3.0091)
contains.

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Color

**XYZ(11.1182, 18.5932,
3.0028)**

Conversions

Conversions Part 1

Format	Color
Hex	458700
RGB	69, 135, 0
RGB Percent	27%, 53%, 0%
CMY	0.7294, 0.4706, 1.0000
CMYK	0.49, 0.00, 1.00, 0.47
HSL	89°, 100%, 26%
HSV	89°, 100%, 53%
XYZ	11.1182, 18.5932, 3.0028
YIQ	99.8760, 3.9990, -55.9770

Conversions

Conversions Part 2

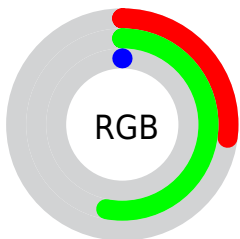
Format	Color
RYB	0, 135, 66
Decimal	4556544
CIELab	50.21, -40.85, 53.73
CIELCh	50, 67.490, 127.245
Yxy	18.5932, 0.3399, 0.5684
Android (android.graphics.Color)	4282746624 (0xFF458700)
YUV	99.8760, -49.2389, -27.0783
Hunter-Lab	43.1198, -29.4345, 26.0550

Details

The XYZ color **11.1182, 18.5932, 3.0028** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **6.6210, 2.9082, 23.1352**, and the grayscale version is **12.2030, 12.8385, 13.9811**.

A 20% lighter version of the original color is **27.4931, 41.0736, 11.6332**, and **3.1954, 6.3536, 1.0579** is the 20% darker color. If you saturate the color by 10%, you get **11.1183, 18.5938, 3.0030**, and if you desaturate by 10%, it is **11.6892, 18.8794, 3.4262**.

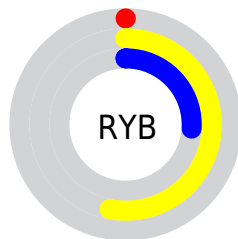
Distribution



Red (27%)

Green (53%)

Blue (0%)



Red (0%)

Yellow (53%)

Blue (26%)

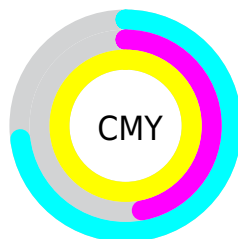


Cyan (49%)

Magenta (0%)

Yellow (100%)

Black (47%)



Cyan (73%)


Magenta (47%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.1182, 18.5932, 3.0028 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 11.1182, 18.5932, 3.0028 by changing the saturation by 10% instead.


 11.1182, 18.5932,
3.0028


 11.1182, 18.5932,
3.0028


192.3683,
244.1937, 136.3963


 6.2143, 11.3767,
1.0961


 27.5095, 41.0456,
11.6353


 3.0177, 6.3208,
0.0000


 39.7277, 57.0502,
19.1982


 1.1631, 3.0411,
0.0000

 55.1146, 76.7531,
29.4836

 0.0770, 1.1532,
0.0000

 74.0356, 100.5385,
42.9100


 0.0000, 0.0230,
0.0000


 96.8562, 128.7908,
59.8959


 0.0000, 0.0000,
0.0000


 123.9416,


161.8946, 80.8599


 155.6571,
200.2341, 106.2205


 11.1182, 18.5932,
3.0028


 11.1182, 18.5932,
3.0028


 11.1183, 18.5938,
3.0030

 11.6892, 18.8794,
3.4262

 12.3595, 19.2108,
4.0941

 13.1569, 19.5995,
5.1428

 14.0917, 20.0497,
6.6184

 15.1727, 20.5651,
8.5604

■ 16.4080, 21.1492,
11.0038

■ 17.8049, 21.8049,
13.9803

■ 19.3702, 22.5351,
17.5190

■ 21.1103, 23.3426,
21.6466

Harmonies

Analogous

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



16.1378, 18.5932, 1.4312



11.1182, 18.5932, 3.0028



8.4483, 18.5932, 9.2898

Triad

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



11.1182, 18.5932, 3.0028



13.2527, 18.5932, 74.6936



33.2566, 18.5932, 16.0456

Complementary

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



11.1182, 18.5932, 3.0028



6.6210, 2.9082, 23.1352

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.



31.9395, 18.5932, 37.5523



11.1182, 18.5932, 3.0028



19.3011, 18.5932, 80.8439

Square

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



11.1182, 18.5932, 3.0028



9.4523, 18.5932, 50.6816



26.3986, 18.5932, 64.3944



29.6504, 18.5932, 5.3612

Rectangle

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



11.1182, 18.5932, 3.0028



7.8740, 18.5932, 18.5674



26.3986, 18.5932, 64.3944



33.3873, 18.5932, 22.0204

Sweetspot

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



11.1186, 18.5940, 3.0032



31.7048, 38.9627, 24.6426



11.8972, 8.9612, 1.1028



7.1235, 8.9207, 5.2330



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



11.1186, 18.5940, 3.0032



19.7244, 33.2008, 5.3688



8.6927, 17.3434, 2.8897



4.8263, 5.3130, 5.0005



10.2674, 17.1530, 2.7697



0.0440, 0.0638, 0.0100

Inverse Universe

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



6.6210, 2.9082, 23.1352



11.6719, 5.1124, 41.4200



14.0074, 6.7160, 23.4809



4.6351, 4.6480, 5.8536



6.1201, 2.6892, 21.3332



0.0296, 0.0136, 0.0743

Previews

White Background



This preview shows how the XYZ color 11.1182, 18.5932, 3.0028 looks on a white 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

Black Background



This preview shows how the XYZ color 11.1182, 18.5932, 3.0028 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 11.1182, 18.5932, 3.0028

Background



This preview shows how black text looks on a background with the XYZ color 11.1182, 18.5932, 3.0028.



This preview shows how white text looks on a background with the XYZ color 11.1182, 18.5932,

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

11.1182, 18.5932, 3.0028

Protanopia

16.4283, 18.2620, 2.6590

Deuteranopia

18.6806, 18.3734, 3.5988



Tritanopia

15.7080, 18.4710, 26.0299

Trichromacy



Original Color

11.1182, 18.5932, 3.0028

Protanomaly

13.7640, 17.9822, 2.7455

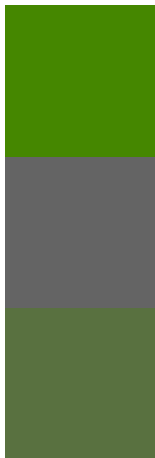
Deuteranomaly

14.8237, 17.7802, 3.1809

Tritanomaly

12.8788, 18.0941, 11.8306

Monochromacy



Original Color

11.1182, 18.5932, 3.0028

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

10.9504, 14.3043, 7.0343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1182, 18.5932, 3.0028 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(69, 135, 0)` looks like.

```
.text, #text, p{  
    color:rgb(69, 135, 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(69, 135, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 135, 0) }
```

Border

The CSS property to change the border of an element to XYZ 11.1182, 18.5932, 3.0028 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(69, 135, 0) }
```


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

```
.border{ border-color:rgb(69, 135, 0) }
```

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

Here you see how a box with a 4 pixel rgb(69, 135, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 135, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 135, 0);  
box-shadow:4px 4px 4px 4px rgb(69, 135, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.1182, 18.5932, 3.0028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 135, 0) }
```

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

```
.background{ background-color: rgb(69, 135,  
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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