

Converting Colors

XYZ(11.1115, 16.1740, 2.3368)

Have a look what the booklet for
XYZ(11.1115, 16.1740, 2.3368)
contains.

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Color

**XYZ(11.2028, 16.2898,
2.5538)**

Conversions

Conversions Part 1

Format	Color
Hex	597B00
RGB	89, 123, 0
RGB Percent	35%, 48%, 0%
CMY	0.6510, 0.5176, 1.0000
CMYK	0.28, 0.00, 1.00, 0.52
HSL	77°, 100%, 24%
HSV	77°, 100%, 48%
XYZ	11.2028, 16.2898, 2.5538
YIQ	98.8120, 19.2190, -45.4610

Conversions

Conversions Part 2

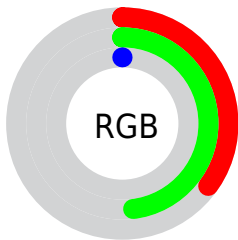
Format	Color
RYB	0, 123, 34
Decimal	5864192
CIELab	47.35, -27.92, 51.98
CIElCh	47, 59.003, 118.242
Yxy	16.2898, 0.3728, 0.5422
Android (android.graphics.Color)	4284054272 (0xFF597B00)
YUV	98.8120, -48.7143, -8.6051
Hunter-Lab	40.3606, -21.0853, 24.5009

Details

The XYZ color **11.2028, 16.2898, 2.5538** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4.2355, 1.7706, 18.8584**, and the grayscale version is **11.9283, 12.5495, 13.6664**.

A 20% lighter version of the original color is **27.7784, 37.2605, 10.5784**, and **3.2117, 5.2909, 0.8520** is the 20% darker color. If you saturate the color by 10%, you get **11.2029, 16.2904, 2.5539**, and if you desaturate by 10%, it is **11.6053, 16.4900, 2.9290**.

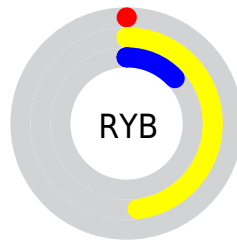
Distribution



Red (35%)

Green (48%)

Blue (0%)



Red (0%)

Yellow (48%)

Blue (13%)

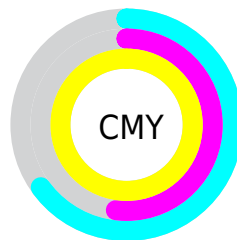


Cyan (28%)

Magenta (0%)

Yellow (100%)

Black (52%)



Cyan (65%)

Magenta (52%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2028, 16.2898, 2.5538 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 11.2028, 16.2898, 2.5538 by changing the saturation by 10% instead.

■ 11.2028, 16.2898,
2.5538

■ 11.2028, 16.2898,
2.5538

192.9333,
231.0457, 130.4573

■ 6.2717, 9.7295,
0.8685

■ 27.6642, 37.1006,
10.5060

■ 3.0532, 5.2199,
0.0000

■ 39.9252, 52.1198,
17.6131

■ 1.1820, 2.3769,
0.0000

■ 55.3603, 70.7275,
27.3655

■ 0.0921, 0.8140,
0.0000


■ 74.3347, 93.3079,
40.1819


■ 0.0000, 0.0000,
0.0000


■ 97.2139, 120.2456,
56.4807


■ 124.3631,


151.9248, 76.6805


 156.1478,
188.7301, 101.1999


 11.2028, 16.2898,
2.5538


 11.2028, 16.2898,
2.5538


 11.2029, 16.2904,
2.5539

 11.6053, 16.4900,
2.9290

 12.0575, 16.7112,
3.4878

 12.5835, 16.9637,
4.3539

 13.1901, 17.2503,
5.5634

 13.8836, 17.5734,
7.1475

■ 14.6693, 17.9354,
9.1337

■ 15.5523, 18.3380,
11.5473

■ 16.5370, 18.7833,
14.4111

■ 17.6277, 19.2729,
17.7465

Harmonies

Analogous

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



15.7928, 16.2898, 1.7273



11.2028, 16.2898, 2.5538



8.4211, 16.2898, 6.5020

Triad

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



11.2028, 16.2898, 2.5538



10.7786, 16.2898, 55.1206



27.8370, 16.2898, 18.6331

Complementary

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



11.2028, 16.2898, 2.5538



4.2355, 1.7706, 18.8584

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.



25.6805, 16.2898, 37.5739



11.2028, 16.2898, 2.5538



15.1772, 16.2898, 64.7701

Square

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



11.2028, 16.2898, 2.5538



8.2177, 16.2898, 35.1111



20.7343, 16.2898, 57.0194



26.1142, 16.2898, 7.3159

Rectangle

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



11.2028, 16.2898, 2.5538



7.5892, 16.2898, 12.5008



20.7343, 16.2898, 57.0194



27.5337, 16.2898, 24.2622

Sweetspot

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



11.2032, 16.2905, 2.5541



27.7250, 32.7808, 20.3285



8.7074, 5.2882, 0.5620



6.3962, 7.6596, 4.4167



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



11.2032, 16.2905, 2.5541



19.9177, 29.0968, 4.5665



7.5818, 14.4237, 2.3847



4.2048, 4.5809, 4.2871



11.5833, 16.8487, 2.6416



54.3989, 79.9291, 12.5607

Inverse Universe

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



4.2355, 1.7706, 18.8584



7.4588, 3.1056, 33.7629



8.2228, 3.8261, 19.0450



3.8921, 3.9422, 4.9990



4.3762, 1.8288, 19.5076



20.1530, 8.3512, 93.0196

Previews

White Background



This preview shows how the XYZ color 11.2028, 16.2898, 2.5538 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 11.2028, 16.2898, 2.5538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

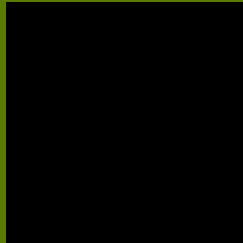
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.2028, 16.2898, 2.5538

Background



This preview shows how black text looks on a background with the XYZ color 11.2028, 16.2898, 2.5538.



This preview shows how white text looks on a background with the XYZ color 11.2028, 16.2898,

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

11.2028, 16.2898, 2.5538

Protanopia

14.3984, 16.0240, 2.3341

Deuteranopia

16.2932, 16.0327, 3.0465



Tritanopia

14.8480, 16.1740, 21.0782

Trichromacy



Original Color

11.2028, 16.2898, 2.5538

Protanomaly

13.0554, 16.0015, 2.4005

Deuteranomaly

13.9064, 15.7604, 2.7611

Tritanomaly

12.5603, 15.7594, 9.5876

Monochromacy



Original Color

11.2028, 16.2898, 2.5538

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

10.9791, 13.5169, 6.7330

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2028, 16.2898, 2.5538 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(89, 123, 0)` looks like.

```
.text, #text, p{  
    color:rgb(89, 123, 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(89, 123, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 123, 0) }
```

Border

The CSS property to change the border of an element to XYZ 11.2028, 16.2898, 2.5538 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(89, 123, 0) }
```


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

```
.border{ border-color:rgb(89, 123, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 123, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 123, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 123, 0);  
box-shadow:4px 4px 4px 4px rgb(89, 123, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.2028, 16.2898, 2.5538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 123, 0) }
```

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

```
.background{ background-color: rgb(89, 123,  
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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