

Converting Colors

XYZ(11.3872, 15.4765, 2.8380)

Have a look what the booklet for
XYZ(11.3872, 15.4765, 2.8380)
contains.

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Color

**XYZ(11.3885, 15.4782,
2.8393)**

Conversions

Conversions Part 1

Format	Color
Hex	60760F
RGB	96, 118, 15
RGB Percent	38%, 46%, 6%
CMY	0.6235, 0.5372, 0.9412
CMYK	0.19, 0.00, 0.87, 0.54
HSL	73°, 77%, 26%
HSV	73°, 87%, 46%
XYZ	11.3885, 15.4782, 2.8393
YIQ	99.6800, 19.9510, -36.6970

Conversions

Conversions Part 2

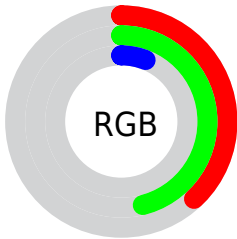
Format	Color
RYB	15, 118, 37
Decimal	6321679
CIELab	46.28, -21.96, 48.08
CIELCh	46, 52.854, 114.551
Yxy	15.4782, 0.3834, 0.5210
Android (android.graphics.Color)	4284511759 (0xFF60760F)
YUV	99.6800, -41.7472, -3.2274
Hunter-Lab	39.3423, -17.1784, 23.2607

Details

The XYZ color **11.3885, 15.4782, 2.8393** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **4.2044, 2.0434, 17.3134**, and the grayscale version is **12.1314, 12.7632, 13.8991**.

A 20% lighter version of the original color is **28.0579, 35.6757, 11.2016**, and **3.3169, 4.9612, 0.7828** is the 20% darker color. If you saturate the color by 10%, you get **11.0591, 15.3169, 2.4656**, and if you desaturate by 10%, it is **11.7677, 15.6616, 3.4280**.

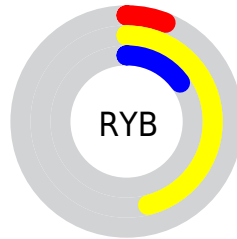
Distribution



Red (38%)

Green (46%)

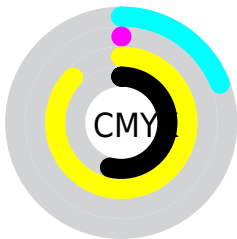
Blue (6%)



Red (6%)

Yellow (46%)

Blue (15%)

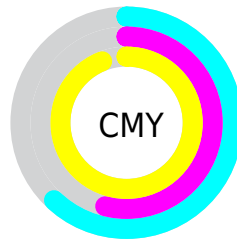


Cyan (19%)

Magenta (0%)

Yellow (87%)

Black (54%)



Cyan (62%)

Magenta (54%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3885, 15.4782, 2.8393 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 11.3885, 15.4782, 2.8393 by changing the saturation by 10% instead.

■ 11.3885, 15.4782,
2.8393

■ 11.3885, 15.4782,
2.8393

194.1676,
226.2427, 134.2868

■ 6.3980, 9.1557,
1.0132

■ 28.0030, 35.6899,
11.2293

■ 3.1315, 4.8429,
0.0000

■ 40.3577, 50.3479,
18.6302

■ 1.2237, 2.1554,
0.0000

■ 55.8978, 68.5532,
28.7264

■ 0.1249, 0.6955,
0.0000

■ 74.9888, 90.6902,
41.9366

■ 0.0000, 0.0000,
0.0000

■ 97.9959, 117.1432,
58.6792

■ 125.2845,

148.2967, 79.3727

157.2199,
184.5351, 104.4357

11.3885, 15.4782,
2.8393

11.3885, 15.4782,
2.8393

11.0591, 15.3169,
2.4656

11.7677, 15.6616,
3.4280

10.9721, 15.2740,
2.3699

12.2100, 15.8706,
4.3052

12.7216, 16.1084,
5.5026

13.3078, 16.3770,
7.0470

13.9732, 16.6783,
8.9627

■ 14.7221, 17.0141,
11.2717

■ 15.5585, 17.3858,
13.9943

■ 16.4859, 17.7951,
17.1495

■ 17.5079, 18.2432,
20.7549

Harmonies

Analogous

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



15.5522, 15.4782, 2.2360



11.3885, 15.4782, 2.8393



8.7077, 15.4782, 6.1483

Triad

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



11.3885, 15.4782, 2.8393



10.2256, 15.4782, 46.3399



25.1675, 15.4782, 19.3285

Complementary

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



11.3885, 15.4782, 2.8393



4.2044, 2.0434, 17.3134

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.



22.9860, 15.4782, 35.7981



11.3885, 15.4782, 2.8393



13.9017, 15.4782, 55.7461

Square

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



11.3885, 15.4782, 2.8393



8.1388, 15.4782, 29.4516



18.6253, 15.4782, 51.1345



24.1150, 15.4782, 8.4838

Rectangle

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



11.3885, 15.4782, 2.8393



7.8252, 15.4782, 11.0553



18.6253, 15.4782, 51.1345



24.7766, 15.4782, 24.3892

Sweetspot

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



11.3889, 15.4789, 2.8396



25.9737, 29.9542, 20.1006



8.1769, 5.1243, 1.0103



5.8871, 6.8492, 4.3540



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



11.3889, 15.4789, 2.8396



19.1805, 26.7980, 4.1616



7.6875, 13.5708, 2.6664



3.8938, 4.2287, 3.9533



11.8590, 16.5179, 2.5632



57.0528, 80.1136, 12.4565

Inverse Universe

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



4.2044, 2.0434, 17.3134



6.3670, 2.6181, 30.3068



7.3813, 3.6811, 17.4621



3.5671, 3.6241, 4.6018



3.9675, 1.6367, 18.6494



18.7283, 7.6633, 90.8524

Previews

White Background



This preview shows how the XYZ color 11.3885, 15.4782, 2.8393 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 11.3885, 15.4782, 2.8393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

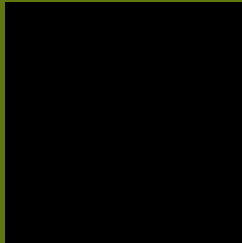
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.3885, 15.4782, 2.8393

Background



This preview shows how black text looks on a background with the XYZ color 11.3885, 15.4782, 2.8393.



This preview shows how white text looks on a background with the XYZ color 11.3885, 15.4782,

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

11.3885, 15.4782, 2.8393

Protanopia

13.8107, 15.3894, 2.5904

Deuteranopia

15.6070, 15.3741, 3.0646



Tritanopia

14.7898, 15.5240, 19.3565

Trichromacy



Original Color

11.3885, 15.4782, 2.8393

Protanomaly

12.7878, 15.3500, 2.6696

Deuteranomaly

13.7724, 15.2024, 2.9179

Tritanomaly

12.8698, 15.2291, 10.0458

Monochromacy



Original Color

11.3885, 15.4782, 2.8393

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.4775, 13.5977, 7.6499

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3885, 15.4782, 2.8393 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(96, 118, 15)` looks like.

```
.text, #text, p{  
    color:rgb(96, 118, 15)  
}
```

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(96, 118, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 118, 15) }
```

Border

The CSS property to change the border of an element to XYZ 11.3885, 15.4782, 2.8393 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(96, 118, 15) }
```


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

```
.border{ border-color:rgb(96, 118, 15) }
```

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

Here you see how a box with a 4 pixel rgb(96, 118, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 118, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 118, 15);  
box-shadow:4px 4px 4px 4px rgb(96, 118,  
15) }
```

Background

The CSS property to change the background color of an element to XYZ 11.3885, 15.4782, 2.8393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 118, 15) }
```

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

```
.background{ background-color: rgb(96, 118,  
15) }
```

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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