

Converting Colors

XYZ(15.1175, 18.9555, 11.6572)

Have a look what the booklet for
XYZ(15.1175, 18.9555, 11.6572)
contains.

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Color

**XYZ(15.0948, 18.8539,
11.6477)**

Conversions

Conversions Part 1

Format	Color
Hex	697F56
RGB	105, 127, 86
RGB Percent	41%, 50%, 34%
CMY	0.5882, 0.5019, 0.6627
CMYK	0.17, 0.00, 0.32, 0.50
HSL	92°, 19%, 42%
HSV	92°, 32%, 50%
XYZ	15.0948, 18.8539, 11.6477
YIQ	115.7480, 0.0490, -17.4150

Conversions

Conversions Part 2

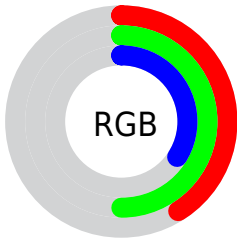
Format	Color
R_{YB}	86, 127, 108
Decimal	6913878
CIE _{Lab}	50.52, -15.94, 19.74
CIE _{LCh}	51, 25.371, 128.914
Yxy	18.8539, 0.3311, 0.4135
Android (android.graphics.Color)	4285103958 (0xFF697F56)
YUV	115.7480, -14.6658, -9.4260
Hunter-Lab	43.4211, -13.9336, 14.4902

Details

The XYZ color **15.0948, 18.8539, 11.6477** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **13.3437, 11.3766, 21.5723**, and the grayscale version is **16.5672, 17.4300, 18.9812**.

A 20% lighter version of the original color is **34.6698, 41.5882, 29.4926**, and **4.7947, 6.4718, 3.0040** is the 20% darker color. If you saturate the color by 10%, you get **13.8594, 18.2716, 9.1521**, and if you desaturate by 10%, it is **16.4863, 19.5074, 14.6261**.

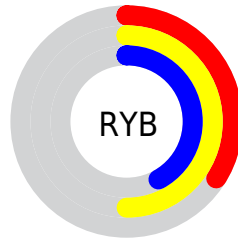
Distribution



Red (41%)

Green (50%)

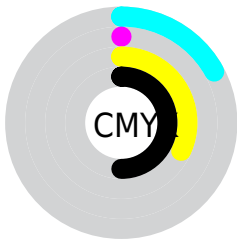
Blue (34%)



Red (34%)

Yellow (50%)

Blue (42%)

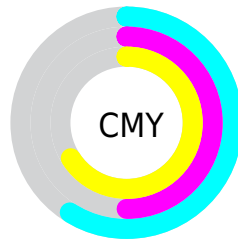


Cyan (17%)

Magenta (0%)

Yellow (32%)

Black (50%)



Cyan (59%)

Magenta (50%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0948, 18.8539, 11.6477 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 15.0948, 18.8539, 11.6477 by changing the saturation by 10% instead.

■ 15.0948, 18.8539,
11.6477

■ 15.0948, 18.8539,
11.6477

217.3163,
245.6410, 212.9533

■ 8.9727, 11.5648,
6.3847

■ 34.5897, 41.4871,
29.5066

■ 4.7803, 6.4481,
3.0078

■ 48.6932, 57.5999,
42.9394

■ 2.1524, 3.1194,
1.0986

■ 66.1879, 77.4227,
59.9327

■ 0.7175, 1.1944,
0.0000

■ 87.4391, 101.3400,
80.9048

■ 0.0000, 0.0571,
0.0000

■ 112.8122,
129.7361, 106.2744

■ 0.0000, 0.0000,
0.0000

142.6725,

162.9953, 136.4600

177.3854,
201.5022, 171.8801

■ 15.0948, 18.8539,
11.6477

■ 15.0948, 18.8539,
11.6477

■ 13.8594, 18.2716,
9.1521

■ 16.4863, 19.5074,
14.6261

■ 12.7723, 17.7552,
7.1126

■ 18.0384, 20.2320,
18.1097

■ 11.8272, 17.3026,
5.5019

■ 19.7571, 21.0310,
22.1208

■ 11.0167, 16.9108,
4.2892

■ 21.6477, 21.9067,
26.6802

■ 10.3324, 16.5761,
3.4395

■ 23.7152, 22.8612,
31.8075

■ 9.7649, 16.2946,
2.9119

■ 25.9644, 23.8965,
37.5212

■ 9.3845, 16.1048,
2.6139

■ 28.3999, 25.0148,
43.8393

■ 31.0262, 26.2178,
50.7786

■ 33.8476, 27.5075,
58.3556

Harmonies

Analogous

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



17.1930, 18.8539, 9.7962



15.0948, 18.8539, 11.6477



13.8377, 18.8539, 16.0068

Triad

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



15.0948, 18.8539, 11.6477



16.2624, 18.8539, 36.0454



23.0427, 18.8539, 18.4891

Complementary

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



15.0948, 18.8539, 11.6477



13.3437, 11.3766, 21.5723

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.



22.7354, 18.8539, 25.8309



15.0948, 18.8539, 11.6477



18.6674, 18.8539, 37.1447

Square

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



15.0948, 18.8539, 11.6477



14.4675, 18.8539, 30.3313



21.0775, 18.8539, 33.0593



21.8824, 18.8539, 13.1046

Rectangle

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



15.0948, 18.8539, 11.6477



13.5721, 18.8539, 20.2715



21.0775, 18.8539, 33.0593



23.1097, 18.8539, 20.7880

Sweetspot

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



15.0953, 18.8547, 11.6481



32.9060, 36.5107, 33.8200



15.7814, 15.8817, 11.0381



7.6219, 8.5098, 7.7286



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



15.0953, 18.8547, 11.6481



25.3146, 32.9535, 17.3660



13.1630, 17.8522, 11.8479



4.4507, 4.9088, 4.6330



9.4625, 16.2405, 2.6360



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.3437, 11.3766, 21.5723



21.6445, 17.2895, 38.1527



15.8232, 12.6650, 21.2265



4.3120, 4.3164, 5.4192



6.2767, 2.7895, 20.4576



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.0948, 18.8539, 11.6477 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 15.0948, 18.8539, 11.6477 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

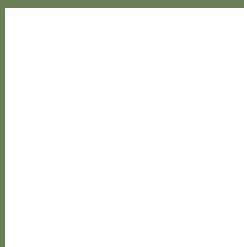
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.0948, 18.8539, 11.6477

Background



This preview shows how black text looks on a background with the XYZ color 15.0948, 18.8539, 11.6477.



This preview shows how white text looks on a background with the XYZ color 15.0948, 18.8539,

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

15.0948, 18.8539, 11.6477

Protanopia

17.4837, 18.8033, 10.8915

Deuteranopia

19.0892, 18.7335, 12.0610



Tritanopia

17.6162, 18.7582, 24.1649

Trichromacy



Original Color

15.0948, 18.8539, 11.6477

Protanomaly

16.5683, 18.8710, 11.1567

Deuteranomaly

17.4115, 18.5654, 11.8983

Tritanomaly

16.4841, 18.6549, 18.9516

Monochromacy



Original Color

15.0948, 18.8539, 11.6477

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

15.9484, 17.8976, 15.9786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0948, 18.8539, 11.6477 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(105, 127, 86)` looks like.

```
.text, #text, p{  
    color:rgb(105, 127, 86)  
}
```

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(105, 127, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 127, 86) }
```

Border

The CSS property to change the border of an element to XYZ 15.0948, 18.8539, 11.6477 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(105, 127, 86) }
```


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

```
.border{ border-color:rgb(105, 127, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 127, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 127, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 127, 86);  
box-shadow:4px 4px 4px 4px rgb(105, 127,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0948, 18.8539, 11.6477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 127, 86) }
```

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

```
.background{ background-color: rgb(105,  
127, 86) }
```

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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