

Converting Colors

XYZ(15.4840, 18.2836, 12.3859)

Have a look what the booklet for
XYZ(15.4840, 18.2836, 12.3859)
contains.

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Color

**XYZ(15.4840, 18.2836,
12.3859)**

Conversions

Conversions Part 1

Format	Color
Hex	6F7B5A
RGB	111, 123, 90
RGB Percent	44%, 48%, 35%
CMY	0.5647, 0.5176, 0.6471
CMYK	0.10, 0.00, 0.27, 0.52
HSL	82°, 15%, 42%
HSV	82°, 27%, 48%
XYZ	15.4840, 18.2836, 12.3859
YIQ	115.6500, 3.4410, -12.8070

Conversions

Conversions Part 2

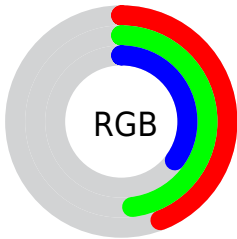
Format	Color
R _Y B	90, 123, 102
Decimal	7306074
CIE Lab	49.84, -10.71, 16.61
CIE LCh	50, 19.761, 122.814
Yxy	18.2836, 0.3355, 0.3961
Android (android.graphics.Color)	4285496154 (0xFF6F7B5A)
YUV	115.6500, -12.6454, -4.0780
Hunter-Lab	42.7593, -10.1904, 12.7573

Details

The XYZ color **15.4840, 18.2836, 12.3859** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **12.7115, 11.5677, 20.3027**, and the grayscale version is **16.5305, 17.3914, 18.9392**.

A 20% lighter version of the original color is **35.1679, 40.3399, 30.7438**, and **4.9533, 6.1362, 3.3062** is the 20% darker color. If you saturate the color by 10%, you get **14.4545, 17.8090, 9.8273**, and if you desaturate by 10%, it is **16.6293, 18.8090, 15.4030**.

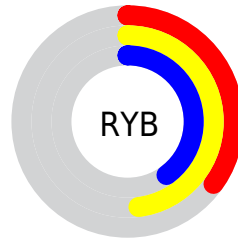
Distribution



Red (44%)

Green (48%)

Blue (35%)



Red (35%)

Yellow (48%)

Blue (40%)

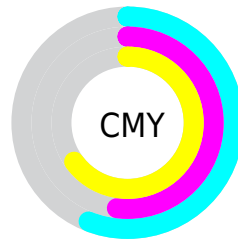


Cyan (10%)

Magenta (0%)

Yellow (27%)

Black (52%)



Cyan (56%)

Magenta (52%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4840, 18.2836, 12.3859 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 15.4840, 18.2836, 12.3859 by changing the saturation by 10% instead.

■ 15.4840, 18.2836,
12.3859

■ 15.4840, 18.2836,
12.3859

219.6081,
242.4647, 218.0114

■ 9.2483, 11.1538,
6.8813

■ 35.2648, 40.5200,
30.8709

■ 4.9619, 6.1704,
3.3107

■ 49.5406, 56.3953,
44.6883

■ 2.2594, 2.9490,
1.2554

■ 67.2271, 75.9547,
62.1139

■ 0.7738, 1.1051,
0.0248

■ 88.6897, 99.5824,
83.5660

■ 0.0000, 0.0000,
0.0000

■ 114.2937,
127.6628, 109.4633

144.4046,

160.5805, 140.2243

179.3876,
198.7196, 176.2674

■ 15.4840, 18.2836,
12.3859

■ 15.4840, 18.2836,
12.3859

■ 14.4545, 17.8090,
9.8273

■ 16.6293, 18.8090,
15.4030

■ 13.5347, 17.3809,
7.7036

■ 17.8934, 19.3846,
18.8984

■ 12.7201, 16.9980,
5.9908

■ 19.2809, 20.0129,
22.8920

■ 12.0051, 16.6581,
4.6622

■ 20.7956, 20.6955,
27.4024

■ 11.3837, 16.3586,
3.6878

■ 22.4412, 21.4339,
32.4471

■ 10.8488, 16.0969,
3.0333

■ 24.2214, 22.2296,
38.0430

■ 10.3865, 15.8670,
2.6272

■ 26.1395, 23.0840,
44.2059

■ 10.2472, 15.7977,
2.5092

■ 28.1987, 23.9984,
50.9514

■ 30.4023, 24.9742,
58.2941

Harmonies

Analogous

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



17.2004, 18.2836, 11.2243



15.4840, 18.2836, 12.3859



14.3447, 18.2836, 15.5254

Triad

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



15.4840, 18.2836, 12.3859



15.7716, 18.2836, 30.6622



21.2620, 18.2836, 19.4016

Complementary

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



15.4840, 18.2836, 12.3859



12.7115, 11.5677, 20.3027

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.



20.8114, 18.2836, 25.0457



15.4840, 18.2836, 12.3859



17.5569, 18.2836, 32.2023

Square

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



15.4840, 18.2836, 12.3859



14.5021, 18.2836, 26.0902



19.4205, 18.2836, 29.9864



20.6111, 18.2836, 14.7883

Rectangle

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



15.4840, 18.2836, 12.3859



14.0193, 18.2836, 18.6353



19.4205, 18.2836, 29.9864



21.2344, 18.2836, 21.2368

Sweetspot

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



15.4845, 18.2844, 12.3863



31.7187, 34.5648, 32.9331



14.7218, 14.3643, 11.6698



7.3984, 8.1079, 7.5551



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.



15.4845, 18.2844, 12.3863



26.6045, 32.2236, 19.3540



13.6431, 17.3352, 12.3001



4.1731, 4.5645, 4.2856



10.5941, 16.3387, 2.5953



49.5768, 77.4432, 12.3351

Inverse Universe

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



12.7115, 11.5677, 20.3027



20.7895, 18.1343, 35.9612



14.7100, 12.5979, 20.3962



3.9225, 3.9579, 5.0004



4.8002, 2.0474, 19.5275



22.0371, 9.3225, 93.1077

Previews

White Background



This preview shows how the XYZ color 15.4840, 18.2836, 12.3859 looks on a white background.

Color Contrast Check

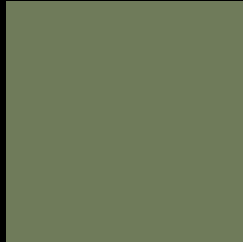
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.4840, 18.2836, 12.3859 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 15.4840, 18.2836, 12.3859

Background



This preview shows how black text looks on a background with the XYZ color 15.4840, 18.2836, 12.3859.



This preview shows how white text looks on a background with the XYZ color 15.4840, 18.2836,

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

15.4840, 18.2836, 12.3859

Protanopia

16.9923, 18.1735, 11.8448

Deuteranopia

18.5965, 18.2963, 12.6766



Tritanopia

17.5117, 18.2022, 22.6691

Trichromacy



Original Color

15.4840, 18.2836, 12.3859

Protanomaly

16.4048, 18.2192, 12.1032

Deuteranomaly

17.3029, 18.1450, 12.4879

Tritanomaly

16.6932, 18.2253, 18.5576

Monochromacy



Original Color

15.4840, 18.2836, 12.3859

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.1901, 17.8326, 16.4986

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4840, 18.2836, 12.3859 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(111, 123, 90)` looks like.

```
.text, #text, p{  
    color:rgb(111, 123, 90)  
}
```

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(111, 123, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 123, 90) }
```

Border

The CSS property to change the border of an element to XYZ 15.4840, 18.2836, 12.3859 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(111, 123, 90) }
```


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

```
.border{ border-color:rgb(111, 123, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 123, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 123, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 123, 90);  
box-shadow:4px 4px 4px 4px rgb(111, 123,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4840, 18.2836, 12.3859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 123, 90) }
```

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

```
.background{ background-color: rgb(111,  
123, 90) }
```

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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