

Converting Colors

XYZ(15.7094, 18.8358, 10.1912)

Have a look what the booklet for
XYZ(15.7094, 18.8358, 10.1912)
contains.

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Color

**XYZ(15.6843, 18.8092,
10.2010)**

Conversions

Conversions Part 1

Format	Color
Hex	727D4F
RGB	114, 125, 79
RGB Percent	45%, 49%, 31%
CMY	0.5529, 0.5098, 0.6902
CMYK	0.09, 0.00, 0.37, 0.51
HSL	74°, 23%, 40%
HSV	74°, 37%, 49%
XYZ	15.6843, 18.8092, 10.2010
YIQ	116.4670, 8.2100, -16.6380

Conversions

Conversions Part 2

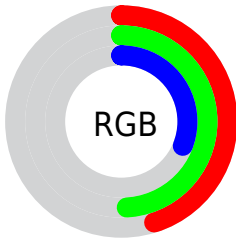
Format	Color
R_{YB}	79, 125, 90
Decimal	7503183
CIE Lab	50.46, -12.23, 23.76
CIE LCh	50, 26.719, 117.241
Yxy	18.8092, 0.3509, 0.4208
Android (android.graphics.Color)	4285693263 (0xFF727D4F)
YUV	116.4670, -18.4712, -2.1636
Hunter-Lab	43.3696, -11.3435, 16.4130

Details

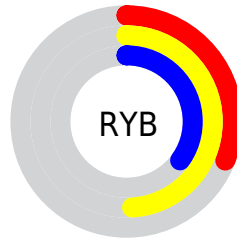
The XYZ color **15.6843, 18.8092, 10.2010** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.7149, 9.2468, 20.6233**, and the grayscale version is **16.7977, 17.6724, 19.2453**.

A 20% lighter version of the original color is **35.8192, 41.6413, 26.9186**, and **5.0389, 6.4025, 2.4091** is the 20% darker color. If you saturate the color by 10%, you get **14.8890, 18.4475, 8.0080**, and if you desaturate by 10%, it is **16.5788, 19.2133, 12.8461**.

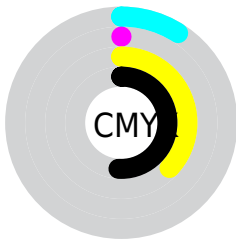
Distribution



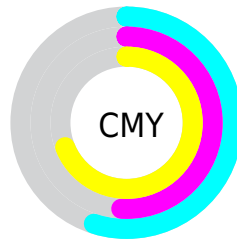
- Red (45%)
- Green (49%)
- Blue (31%)



- Red (31%)
- Yellow (49%)
- Blue (35%)



- Cyan (9%)
- Magenta (0%)
- Yellow (37%)
- Black (51%)



- Cyan (55%)
- Magenta (51%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6843, 18.8092, 10.2010 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 15.6843, 18.8092, 10.2010 by changing the saturation by 10% instead.

■ 15.6843, 18.8092,
10.2010

■ 15.6843, 18.8092,
10.2010

■ 220.7788,
245.3934, 202.6373

■ 9.3905, 11.5325,
5.4251

■ 35.6112, 41.4114,
26.7866

■ 5.0559, 6.4262,
2.4357

■ 49.9749, 57.5058,
39.4333

■ 2.3152, 3.1059,
0.8058

■ 67.7593, 77.3081,
55.5408

■ 0.8024, 1.1873,
0.0000

■ 89.3297, 101.2028,
75.5275

■ 0.0000, 0.0513,
0.0000

■ 115.0515,
129.5743, 99.8119

■ 0.0000, 0.0000,
0.0000

145.2900,

162.8070, 128.8127

180.4107,
201.2852, 162.9483

■ 15.6843, 18.8092,
10.2010

■ 15.6843, 18.8092,
10.2010

■ 14.8890, 18.4475,
8.0080

■ 16.5788, 19.2133,
12.8461

■ 14.1866, 18.1238,
6.2406

■ 17.5758, 19.6593,
15.9655

■ 13.5722, 17.8368,
4.8714


■ 18.6798, 20.1495,
19.5813


■ 13.0398, 17.5839,
3.8692


■ 19.8950, 20.6858,
23.7140


■ 12.5823, 17.3625,
3.1981

■ 21.2250, 21.2695,
28.3827


 12.1860, 17.1669,
2.7861

 22.6735, 21.9021,
33.6058

 12.0640, 17.1065,
2.6660

 24.2438, 22.5850,
39.4007

 25.9393, 23.3195,
45.7839

 27.7630, 24.1069,
52.7716

Harmonies

Analogous

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



18.1195, 18.8092, 9.2446



15.6843, 18.8092, 10.2010



13.9923, 18.8092, 13.6650

Triad

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



15.6843, 18.8092, 10.2010



15.3051, 18.8092, 35.0441



23.3539, 18.8092, 21.1775

Complementary

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



15.6843, 18.8092, 10.2010



10.7149, 9.2468, 20.6233

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.



22.4227, 18.8092, 29.2512



15.6843, 18.8092, 10.2010



17.6378, 18.8092, 38.3806

Square

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



15.6843, 18.8092, 10.2010



13.7888, 18.8092, 27.7621



20.2664, 18.8092, 36.0400



22.7040, 18.8092, 14.5976

Rectangle

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



15.6843, 18.8092, 10.2010



13.4292, 18.8092, 17.4762



20.2664, 18.8092, 36.0400



23.2135, 18.8092, 23.8098

Sweetspot

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



15.6848, 18.8100, 10.2014



32.5421, 35.6788, 32.0600



13.5032, 12.1925, 9.0391



7.3539, 8.0942, 7.1346



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.



15.6848, 18.8100, 10.2014



26.8962, 33.1407, 14.9656



13.0863, 17.4705, 10.0798



4.5680, 4.9692, 4.6385



12.5840, 17.8497, 2.7821



0.0000, 0.0000, 0.0000

Inverse Universe

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



10.7149, 9.2468, 20.6233



16.6572, 13.4248, 36.4577



13.2741, 10.5661, 20.7431



4.1978, 4.2575, 5.4138



4.4135, 1.8290, 20.3704



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.6843, 18.8092, 10.2010 looks on a white background.

Color Contrast Check

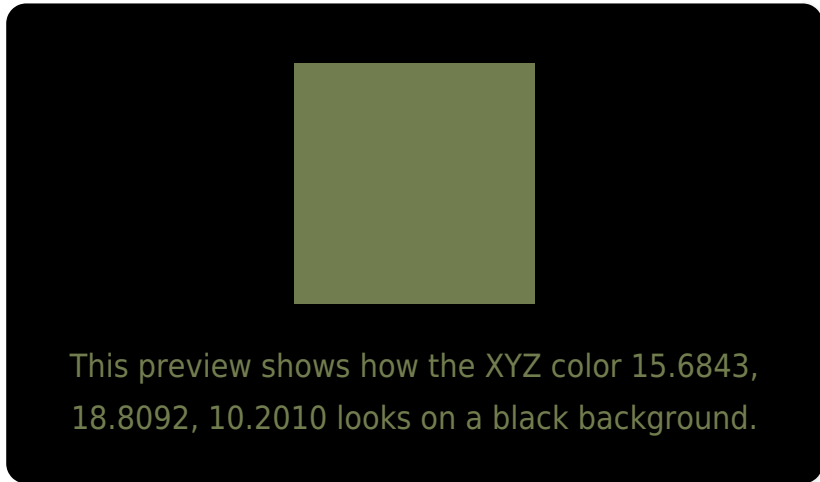
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

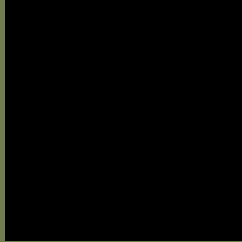
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.6843, 18.8092, 10.2010

Background



This preview shows how black text looks on a background with the XYZ color 15.6843, 18.8092, 10.2010.



This preview shows how white text looks on a background with the XYZ color 15.6843, 18.8092,

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

15.6843, 18.8092, 10.2010

Protanopia

17.4161, 18.7941, 9.7309

Deuteranopia

19.1175, 18.7848, 10.4028



Tritanopia

18.2388, 18.7452, 23.0790

Trichromacy



Original Color

15.6843, 18.8092, 10.2010

Protanomaly

16.7921, 18.8291, 9.9571

Deuteranomaly

17.7177, 18.7594, 10.2765

Tritanomaly

17.1231, 18.6521, 17.4496

Monochromacy



Original Color

15.6843, 18.8092, 10.2010

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.1152, 17.8178, 15.4218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6843, 18.8092, 10.2010 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(114, 125, 79)` looks like.

```
.text, #text, p{  
    color:rgb(114, 125, 79)  
}
```

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(114, 125, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 125, 79) }
```

Border

The CSS property to change the border of an element to XYZ 15.6843, 18.8092, 10.2010 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(114, 125, 79) }
```


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

```
.border{ border-color:rgb(114, 125, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 125, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 125, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 125, 79);  
box-shadow:4px 4px 4px 4px rgb(114, 125,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6843, 18.8092, 10.2010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 125, 79) }
```

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

```
.background{ background-color: rgb(114,  
125, 79) }
```

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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