

Converting Colors

XYZ(10.2765, 15.0695, 11.3820)

Have a look what the booklet for
XYZ(10.2765, 15.0695, 11.3820)
contains.

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Color

**XYZ(10.3002, 15.0817,
11.3850)**

Conversions

Conversions Part 1

Format	Color
Hex	3C7857
RGB	60, 120, 87
RGB Percent	24%, 47%, 34%
CMY	0.7647, 0.5294, 0.6588
CMYK	0.50, 0.00, 0.28, 0.53
HSL	147°, 33%, 35%
HSV	147°, 50%, 47%
XYZ	10.3002, 15.0817, 11.3850
YIQ	98.2980, -25.1670, -22.9830

Conversions

Conversions Part 2

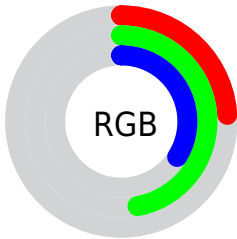
Format	Color
RYB	60, 101, 120
Decimal	3962967
CIELab	45.75, -27.76, 12.24
CIELCh	46, 30.341, 156.217
Yxy	15.0817, 0.2801, 0.4102
Android (android.graphics.Color)	4282153047 (0xFF3C7857)
YUV	98.2980, -5.5699, -33.5873
Hunter-Lab	38.8352, -20.6182, 9.8030

Details

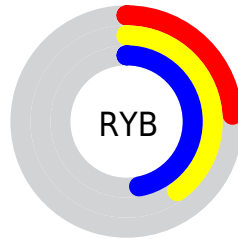
The XYZ color **10.3002, 15.0817, 11.3850** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **11.3378, 8.0153, 11.3059**, and the grayscale version is **11.7019, 12.3113, 13.4071**.

A 20% lighter version of the original color is **26.0145, 35.0728, 29.0655**, and **2.6785, 4.6795, 2.8599** is the 20% darker color. If you saturate the color by 10%, you get **9.3985, 14.6470, 9.9991**, and if you desaturate by 10%, it is **11.3918, 15.6123, 12.9092**.

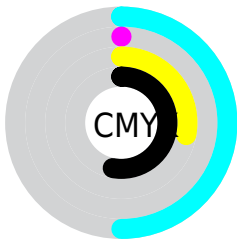
Distribution



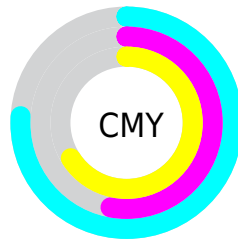
- Red (24%)
- Green (47%)
- Blue (34%)



- Red (24%)
- Yellow (40%)
- Blue (47%)



- Cyan (50%)
- Magenta (0%)
- Yellow (28%)
- Black (53%)



- Cyan (76%)
- Magenta (53%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.3002, 15.0817, 11.3850 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 10.3002, 15.0817, 11.3850 by changing the saturation by 10% instead.

■ 10.3002, 15.0817,
11.3850

■ 10.3002, 15.0817,
11.3850

186.8106,
223.8602, 211.1215

■ 5.6622, 8.8767,
6.2090

■ 26.0032, 34.9964,
29.0174

■ 2.6795, 4.6609,
2.9017

■ 37.7990, 49.4750,
42.3109

■ 0.9866, 2.0497,
1.0447

■ 52.7114, 67.4803,
59.1472

■ 0.0000, 0.6361,
0.0000

■ 71.1058, 89.3966,
79.9450

■ 0.0000, 0.0000,
0.0000

■ 93.3476, 115.6083,
105.1228

■ 119.8021,

146.4999, 135.0992

150.8346,
182.4557, 170.2925

■ 10.3002, 15.0817,
11.3850

■ 10.3002, 15.0817,
11.3850

■ 9.3985, 14.6470,
9.9991

■ 11.3918, 15.6123,
12.9092

■ 8.6736, 14.3003,
8.7465

■ 12.6830, 16.2424,
14.5744

■ 8.1126, 14.0354,
7.6233

■ 14.1842, 16.9777,
16.3847

■ 7.6999, 13.8443,
6.6251

■ 15.9046, 17.8231,
18.3436

■ 7.3826, 13.6999,
5.7454

■ 17.8530, 18.7828,
20.4544

■ 20.0376, 19.8611,
22.7205

■ 22.4663, 21.0620,
25.1449

■ 25.1466, 22.3893,
27.7308

■ 28.0854, 23.8465,
30.4812

Harmonies

Analogous

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



11.6288, 15.0817, 7.4987



10.3002, 15.0817, 11.3850



9.9924, 15.0817, 17.9893

Triad

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



10.3002, 15.0817, 11.3850



14.8722, 15.0817, 34.7077



18.6650, 15.0817, 9.4442

Complementary

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



10.3002, 15.0817, 11.3850



11.3378, 8.0153, 11.3059

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.



19.7817, 15.0817, 14.9474



10.3002, 15.0817, 11.3850



17.4308, 15.0817, 30.5536

Square

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



10.3002, 15.0817, 11.3850



12.4471, 15.0817, 32.9118



19.3052, 15.0817, 22.7594



16.4041, 15.0817, 6.6327

Rectangle

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



10.3002, 15.0817, 11.3850



10.3710, 15.0817, 23.4378



19.3052, 15.0817, 22.7594



19.1981, 15.0817, 10.9669

Sweetspot

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



10.3006, 15.0823, 11.3853



26.2994, 30.5239, 30.3799



12.1486, 16.1395, 6.7500



6.1123, 7.1747, 7.0617



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



10.3006, 15.0823, 11.3853



16.3233, 25.6614, 17.2477



11.7328, 15.6552, 18.9270



4.0189, 4.4772, 4.6332



8.0467, 14.9423, 6.2306



37.9665, 71.1096, 27.5255

Inverse Universe

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



11.3378, 8.0153, 11.3059



18.3698, 11.6971, 17.0757



10.2874, 7.5952, 5.7744



4.0819, 4.0485, 4.6290



9.5157, 4.7824, 6.0068



44.9572, 22.6392, 26.3683

Previews

White Background



This preview shows how the XYZ color 10.3002, 15.0817, 11.3850 looks on a white background.

Color Contrast Check

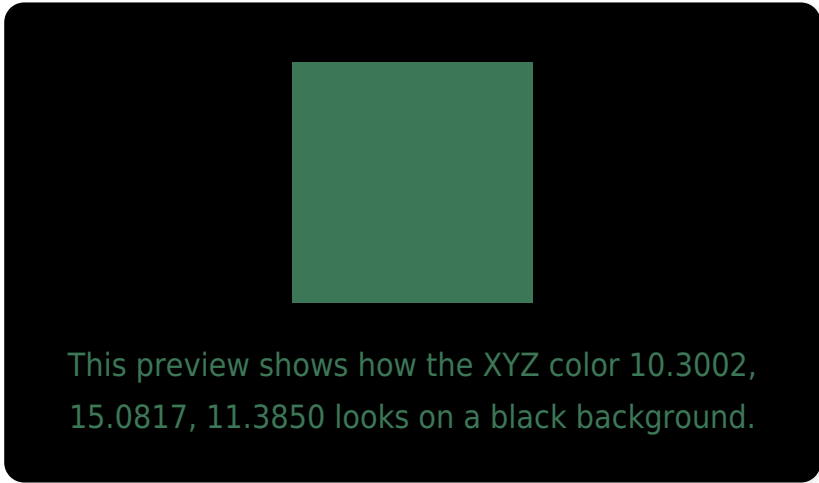
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

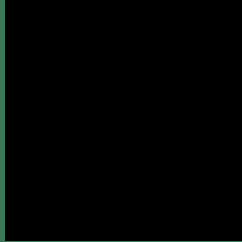
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.3002, 15.0817, 11.3850

Background



This preview shows how black text looks on a background with the XYZ color 10.3002, 15.0817, 11.3850.



This preview shows how white text looks on a background with the XYZ color 10.3002, 15.0817,

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

10.3002, 15.0817, 11.3850

Protanopia

13.9180, 14.9640, 9.9394

Deuteranopia

15.1508, 14.9410, 11.9829



Tritanopia

12.2946, 15.0188, 21.3197

Trichromacy



Original Color

10.3002, 15.0817, 11.3850

Protanomaly

12.0748, 14.6458, 10.3741

Deuteranomaly

12.7882, 14.6567, 11.8279

Tritanomaly

11.4773, 15.0285, 17.3348

Monochromacy



Original Color

10.3002, 15.0817, 11.3850

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

10.8306, 13.0010, 12.5283

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.3002, 15.0817, 11.3850 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(60, 120, 87)` looks like.

```
.text, #text, p{  
    color:rgb(60, 120, 87)  
}
```

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(60, 120, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 120, 87) }
```

Border

The CSS property to change the border of an element to XYZ 10.3002, 15.0817, 11.3850 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(60, 120, 87) }
```


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

```
.border{ border-color:rgb(60, 120, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 120, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 120, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 120, 87);  
box-shadow:4px 4px 4px 4px rgb(60, 120,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 10.3002, 15.0817, 11.3850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 120, 87) }
```

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

```
.background{ background-color: rgb(60, 120,  
87) }
```

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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