

Converting Colors

XYZ(11.6389, 15.3072, 10.3358)

Have a look what the booklet for
XYZ(11.6389, 15.3072, 10.3358)
contains.

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Color

**XYZ(11.6306, 15.2631,
10.3157)**

Conversions

Conversions Part 1

Format	Color
Hex	557552
RGB	85, 117, 82
RGB Percent	33%, 46%, 32%
CMY	0.6667, 0.5412, 0.6784
CMYK	0.27, 0.00, 0.30, 0.54
HSL	115°, 18%, 39%
HSV	115°, 30%, 46%
XYZ	11.6306, 15.2631, 10.3157
YIQ	103.4420, -7.8370, -17.6690

Conversions

Conversions Part 2

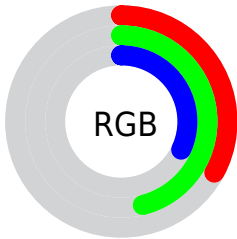
Format	Color
R _Y B	82, 117, 114
Decimal	5600594
CIE Lab	45.99, -18.98, 15.71
CIE LCh	46, 24.635, 140.383
Yxy	15.2631, 0.3126, 0.4102
Android (android.graphics.Color)	4283790674 (0xFF557552)
YUV	103.4420, -10.5709, -16.1736
Hunter-Lab	39.0680, -15.2293, 11.6924

Details

The XYZ color **11.6306, 15.2631, 10.3157** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **13.1683, 10.8968, 18.2397**, and the grayscale version is **13.0383, 13.7174, 14.9382**.

A 20% lighter version of the original color is **28.5062, 35.2761, 27.1363**, and **3.2614, 4.8019, 2.5052** is the 20% darker color. If you saturate the color by 10%, you get **10.3240, 14.6371, 8.1254**, and if you desaturate by 10%, it is **13.1608, 15.9965, 12.9135**.

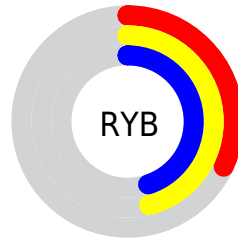
Distribution



Red (33%)

Green (46%)

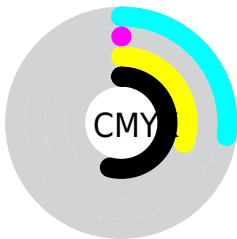
Blue (32%)



Red (32%)

Yellow (46%)

Blue (45%)

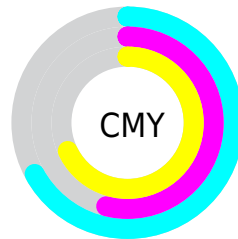


Cyan (27%)

Magenta (0%)

Yellow (30%)

Black (54%)



Cyan (67%)

Magenta (54%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6306, 15.2631, 10.3157 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 11.6306, 15.2631, 10.3157 by changing the saturation by 10% instead.

■ 11.6306, 15.2631,
10.3157

■ 11.6306, 15.2631,
10.3157

195.7645,
224.9532, 203.4767

■ 6.5631, 9.0042,
5.5004

■ 28.4432, 35.3141,
27.0047

■ 3.2343, 4.7440,
2.4800

■ 40.9191, 49.8750,
39.7155

■ 1.2788, 2.0978,
0.8295

■ 56.5950, 67.9720,
55.8952

■ 0.1673, 0.6634,
0.0000

■ 75.8365, 89.9896,
75.9624

■ 0.0000, 0.0000,
0.0000

■ 99.0088, 116.3121,
100.3356

126.4773,

147.3240, 129.4333

158.6074,
183.4095, 163.6742

■ 11.6306, 15.2631,
10.3157

■ 11.6306, 15.2631,
10.3157

■ 10.3240, 14.6371,
8.1254

■ 13.1608, 15.9965,
12.9135

■ 9.2295, 14.1117,
6.3209

■ 14.9231, 16.8399,
15.9370

■ 8.3360, 13.6820,
4.8803

■ 16.9272, 17.7984,
19.4043

■ 7.6314, 13.3424,
3.7789

■ 19.1816, 18.8759,
23.3324

■ 7.1019, 13.0864,
2.9887

■ 21.6947, 20.0766,
27.7374

■ 6.7321, 12.9067,
2.4778

■ 24.4742, 21.4040,
32.6343

■ 6.4888, 12.7887,
2.1293

■ 27.5277, 22.8617,
38.0379

■ 6.4871, 12.7879,
2.1264

■ 30.8625, 24.4531,
43.9621

■ 34.4854, 26.1816,
50.4202

Harmonies

Analogous

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



13.1540, 15.2631, 8.0069



11.6306, 15.2631, 10.3157



10.8998, 15.2631, 14.7722

Triad

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



11.6306, 15.2631, 10.3157



13.8471, 15.2631, 30.7182



18.6027, 15.2631, 12.9293

Complementary

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



11.6306, 15.2631, 10.3157



13.1683, 10.8968, 18.2397

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.



18.8336, 15.2631, 18.6135



11.6306, 15.2631, 10.3157



15.9500, 15.2631, 29.8854

Square

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



11.6306, 15.2631, 10.3157



12.0961, 15.2631, 27.1355



17.8227, 15.2631, 25.0759



17.2190, 15.2631, 9.2456

Rectangle

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



11.6306, 15.2631, 10.3157



10.9075, 15.2631, 18.7772



17.8227, 15.2631, 25.0759



18.8225, 15.2631, 14.6327

Sweetspot

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



11.6310, 15.2637, 10.3160



26.9527, 30.2644, 28.9354



14.8209, 16.3140, 10.3506



6.1055, 6.9146, 6.4953



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.



11.6310, 15.2637, 10.3160



19.1444, 26.5251, 15.6463



11.9528, 15.3617, 13.4019



3.6671, 4.1118, 3.9427



7.1401, 14.0852, 2.3424



34.4727, 68.4731, 11.3997

Inverse Universe

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



13.1683, 10.8968, 18.2397



22.3734, 17.3424, 32.3052



12.8021, 10.7962, 14.2416



3.7972, 3.7428, 4.6125



10.2085, 4.8540, 18.9414



49.3887, 23.4693, 92.2872

Previews

White Background



This preview shows how the XYZ color 11.6306, 15.2631, 10.3157 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 11.6306, 15.2631, 10.3157 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 11.6306, 15.2631, 10.3157

Background



This preview shows how black text looks on a background with the XYZ color 11.6306, 15.2631, 10.3157.



This preview shows how white text looks on a background with the XYZ color 11.6306, 15.2631,

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

11.6306, 15.2631, 10.3157

Protanopia

14.0738, 15.0571, 9.3723

Deuteranopia

15.3424, 15.0685, 10.6942



Tritanopia

13.6590, 15.2441, 20.3117

Trichromacy



Original Color

11.6306, 15.2631, 10.3157

Protanomaly

12.9214, 14.9366, 9.5992

Deuteranomaly

13.7510, 15.0221, 10.5623

Tritanomaly

12.7910, 15.2200, 16.1735

Monochromacy



Original Color

11.6306, 15.2631, 10.3157

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

12.2520, 14.0381, 12.8904

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6306, 15.2631, 10.3157 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(85, 117, 82)` looks like.

```
.text, #text, p{  
    color:rgb(85, 117, 82)  
}
```

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(85, 117, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 117, 82) }
```

Border

The CSS property to change the border of an element to XYZ 11.6306, 15.2631, 10.3157 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(85, 117, 82) }
```


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

```
.border{ border-color:rgb(85, 117, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 117, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 117, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 117, 82);  
box-shadow:4px 4px 4px 4px rgb(85, 117,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6306, 15.2631, 10.3157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 117, 82) }
```

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

```
.background{ background-color: rgb(85, 117,  
82) }
```

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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