

Converting Colors

XYZ(15.3623, 16.0195, 10.0600)

Have a look what the booklet for
XYZ(15.3623, 16.0195, 10.0600)
contains.

XYZ(15.3733, 16.0310, 10.0686)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.3733, 16.0310,
10.0686)**

Conversions

Conversions Part 1

Format	Color
Hex	7C6E51
RGB	124, 110, 81
RGB Percent	49%, 43%, 32%
CMY	0.5137, 0.5686, 0.6823
CMYK	0.00, 0.11, 0.35, 0.51
HSL	40°, 21%, 40%
HSV	40°, 35%, 49%
XYZ	15.3733, 16.0310, 10.0686
YIQ	110.8800, 17.6530, -6.0510

Conversions

Conversions Part 2

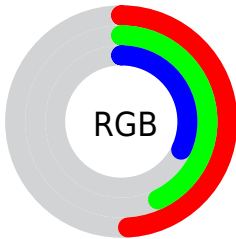
Format	Color
RYB	102, 124, 81
Decimal	8154705
CIELab	47.02, 0.81, 18.21
CIELCh	47, 18.223, 87.460
Yxy	16.0310, 0.3707, 0.3865
Android (android.graphics.Color)	4286344785 (0xFF7C6E51)
YUV	110.8800, -14.7308, 11.5062
Hunter-Lab	40.0387, -1.5308, 13.1174

Details

The XYZ color **15.3733, 16.0310, 10.0686** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **11.1235, 11.3887, 20.6808**, and the grayscale version is **15.1127, 15.8998, 17.3148**.

A 20% lighter version of the original color is **34.9731, 36.4755, 26.6699**, and **4.9200, 5.1382, 2.4015** is the 20% darker color. If you saturate the color by 10%, you get **14.5246, 15.0110, 7.6974**, and if you desaturate by 10%, it is **16.3276, 17.1261, 12.8944**.

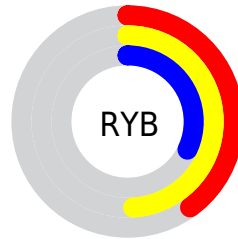
Distribution



Red (49%)

Green (43%)

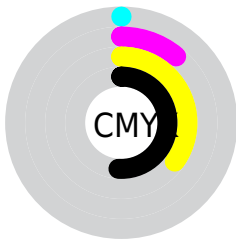
Blue (32%)



Red (40%)

Yellow (49%)

Blue (32%)

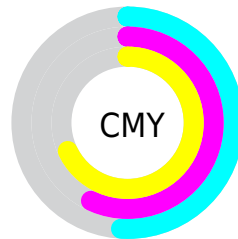


Cyan (0%)

Magenta (11%)

Yellow (35%)

Black (51%)



Cyan (51%)

Magenta (57%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3733, 16.0310, 10.0686 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 15.3733, 16.0310, 10.0686 by changing the saturation by 10% instead.

■ 15.3733, 16.0310,
10.0686

■ 15.3733, 16.0310,
10.0686

218.9586,
229.5246, 201.6636

■ 9.1698, 9.5461,
5.3383

■ 35.0730, 36.6520,
26.5343

■ 4.9101, 5.0991,
2.3849

■ 49.3000, 51.5569,
39.1067

■ 2.2288, 2.3055,
0.7782

■ 66.9322, 70.0373,
55.1303

■ 0.7579, 0.7766,
0.0000

■ 88.3349, 92.4774,
75.0234

■ 0.0000, 0.0000,
0.0000

■ 113.8736,
119.2619, 99.2048

143.9135,

150.7750, 128.0930

178.8200,
187.4010, 162.1063

■ 15.3733, 16.0310,
10.0686

■ 15.3733, 16.0310,
10.0686

■ 14.5246, 15.0110,
7.6974

■ 16.3276, 17.1261,
12.8944

■ 13.7755, 14.0616,
5.7553

■ 17.3908, 18.2963,
16.1964

■ 13.1208, 13.1810,
4.2159

■ 18.5675, 19.5446,
19.9961

■ 12.5549, 12.3662,
3.0494

■ 19.8618, 20.8728,
24.3133

■ 12.0708, 11.6143,
2.2217

■ 21.2775, 22.2829,
29.1666

■ 11.6590, 10.9208,
1.6830

■ 22.8181, 23.7767,
34.5739

■ 11.4543, 10.5694,
1.4364

■ 24.4871, 25.3559,
40.5523

■ 26.2878, 27.0223,
47.1178

■ 28.2233, 28.7775,
54.2862

Harmonies

Analogous

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



16.9469, 16.0310, 11.0482



15.3733, 16.0310, 10.0686



13.8661, 16.0310, 10.7638

Triad

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



15.3733, 16.0310, 10.0686



12.6744, 16.0310, 21.8266



17.9714, 16.0310, 22.6185

Complementary

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



15.3733, 16.0310, 10.0686



11.1235, 11.3887, 20.6808

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.



16.6954, 16.0310, 26.4662



15.3733, 16.0310, 10.0686



13.6462, 16.0310, 25.9558

Square

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



15.3733, 16.0310, 10.0686



12.3739, 16.0310, 17.0687



15.1015, 16.0310, 27.7821



18.5108, 16.0310, 17.8472

Rectangle

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



15.3733, 16.0310, 10.0686



13.0872, 16.0310, 12.1646



15.1015, 16.0310, 27.7821



17.6102, 16.0310, 24.0923

Sweetspot

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



15.3737, 16.0317, 10.0689



31.4978, 33.1552, 31.3601



13.3355, 11.0024, 12.3271



7.3622, 7.7489, 7.2058



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.



15.3737, 16.0317, 10.0689



25.7984, 26.7088, 14.1927



16.0067, 18.7798, 10.5660



4.2030, 4.4244, 4.2570



11.6420, 10.7399, 1.4594



54.7341, 49.6316, 6.6951

Inverse Universe

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



11.1235, 11.3887, 20.6808



17.0811, 17.1908, 35.9745



10.6210, 9.4231, 20.3279



3.8943, 4.0870, 5.0268



4.4802, 3.0428, 19.7365



20.6727, 13.1181, 93.9123

Previews

White Background



This preview shows how the XYZ color 15.3733, 16.0310, 10.0686 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 15.3733, 16.0310, 10.0686 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 15.3733, 16.0310, 10.0686

Background



This preview shows how black text looks on a background with the XYZ color 15.3733, 16.0310, 10.0686.



This preview shows how white text looks on a background with the XYZ color 15.3733, 16.0310,

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

15.3733, 16.0310, 10.0686

Protanopia

14.9532, 15.9711, 10.2773

Deuteranopia

16.2964, 16.0301, 10.2179



Tritanopia

17.0934, 16.1122, 18.1286

Trichromacy



Original Color

15.3733, 16.0310, 10.0686

Protanomaly

15.0926, 16.0430, 10.2838

Deuteranomaly

15.9388, 16.0014, 10.2312

Tritanomaly

16.4084, 15.9867, 14.7913

Monochromacy



Original Color

15.3733, 16.0310, 10.0686

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.1871, 16.0020, 14.3448

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3733, 16.0310, 10.0686 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(124, 110, 81)` looks like.

```
.text, #text, p{  
    color:rgb(124, 110, 81)  
}
```

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(124, 110, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 110, 81) }
```

Border

The CSS property to change the border of an element to XYZ 15.3733, 16.0310, 10.0686 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(124, 110, 81) }
```


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

```
.border{ border-color:rgb(124, 110, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 110, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 110, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 110, 81);  
box-shadow:4px 4px 4px 4px rgb(124, 110,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3733, 16.0310, 10.0686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 110, 81) }
```

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

```
.background{ background-color: rgb(124,  
110, 81) }
```

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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