

Converting Colors

YUV(96.8100, -15.1893,
18.5836)

Have a look what the booklet for
YUV(96.8100, -15.1893, 18.5836)
contains.

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Color

**YUV(96.8100, -15.1893,
18.5836)**

Conversions

Conversions Part 1

Format	Color
Hex	765C42
RGB	118, 92, 66
RGB Percent	46%, 36%, 26%
CMY	0.5373, 0.6392, 0.7412
CMYK	0.00, 0.22, 0.44, 0.54
HSL	30°, 28%, 36%
HSV	30°, 44%, 46%
XYZ	12.2817, 11.8992, 6.8037
YIQ	96.8100, 23.8420, -2.5740

Conversions

Conversions Part 2

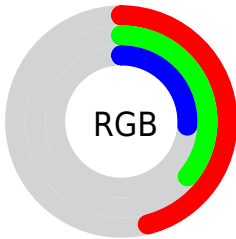
Format	Color
R_{YB}	118, 118, 66
Decimal	7756866
CIE _{Lab}	41.06, 6.85, 19.01
CIE _{LCh}	41, 20.204, 70.176
Yxy	11.8992, 0.3964, 0.3840
Android (android.graphics.Color)	4285946946 (0xFF765C42)
YUV	96.8100, -15.1893, 18.5836
Hunter-Lab	34.4952, 3.1868, 12.4525

Details

The YUV color **96.8100, -15.1893, 18.5836** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **87.1900, 15.1893, -18.5836**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.4790, -16.5051, 20.6279**, and **49.9560, -13.2893, 15.8246** is the 20% darker color. If you saturate the color by 10%, you get **91.9200, -18.6946, 22.8722**, and if you desaturate by 10%, it is **101.7000, -11.6841, 14.2951**.

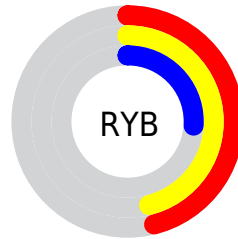
Distribution



Red (46%)

Green (36%)

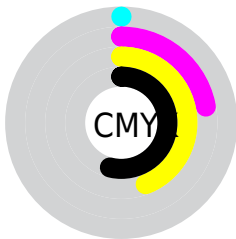
Blue (26%)



Red (46%)

Yellow (46%)

Blue (26%)

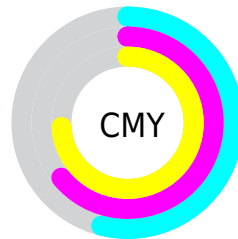


Cyan (0%)

Magenta (22%)

Yellow (44%)

Black (54%)



Cyan (54%)

Magenta (64%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.8100, -15.1893, 18.5836 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 YUV color 96.8100, -15.1893, 18.5836 by changing the saturation by 10% instead.

96.8100, -15.1893,
18.5836

96.8100, -15.1893,
18.5836

255.0000, 0.0000,
0.0000

72.7390, -14.1683,
17.7689

147.4790,
-16.5051, 20.6279

49.9560, -13.2893,
15.8246

174.6640,
-17.0894, 21.3427

28.4290, -14.0155,
15.4098

202.1480,
-17.8210, 22.6722

5.9800, -2.9481,
12.2955

229.7350,
-18.1104, 22.1574

0.0000, 0.0000,
0.0000

249.3630,
-13.9830, 4.9436

254.4300, -2.1840,

0.4999

■ 96.8100, -15.1893,
18.5836

■ 96.8100, -15.1893,
18.5836

■ 91.9200, -18.6946,
22.8722

■ 101.7000,
-11.6841, 14.2951

■ 87.0300, -22.1998,
27.1607

■ 106.5900, -8.1789,
10.0066

■ 82.2540, -25.2682,
31.3492

■ 111.3660, -5.1104,
5.8180

■ 77.3640, -28.7735,
35.6378

■ 116.2560, -1.6052,
1.5295

■ 72.4740, -32.2787,
39.9263

■ 120.5590, 2.1894,
-2.2442

■ 69.9150, -34.4681,
42.1705

■ 125.4490, 5.6946,
-6.5328

■ 130.3390, 9.1999,
-10.8213

■ 135.1150, 12.2683,
-15.0099

■ 140.0050, 15.7735,
-19.2984

Harmonies

Analogous

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



98.0050, -10.8485, 26.3056



96.8100, -15.1893, 18.5836



95.6190, -15.5882, 6.4731

Triad

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



96.8100, -15.1893, 18.5836



88.2020, 6.8024, -35.2572



99.0190, 11.3296, 6.1223

Complementary

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



96.8100, -15.1893, 18.5836



87.1900, 15.1893, -18.5836

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.



95.8750, 16.3306, -11.2914



96.8100, -15.1893, 18.5836



88.2430, 14.6702, -38.8011

Square

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



96.8100, -15.1893, 18.5836



90.7600, -2.8397, -22.5915



92.1070, 17.6952, -29.0348



99.2720, 4.3029, 19.9325

Rectangle

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



96.8100, -15.1893, 18.5836



94.2480, -12.9403, -2.8485



92.1070, 17.6952, -29.0348



98.4420, 13.0931, 0.4894

Sweetspot

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



96.8100, -15.1893, 18.5836



144.8500, -5.8420, 7.1476



84.5120, 3.6916, 29.3690



71.4090, -3.6526, 4.9033



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



96.8100, -15.1893, 18.5836



119.6990, -23.5156, 29.2050



111.4850, -22.4241, 5.7137



56.5550, -1.7526, 2.1443



72.2850, -35.6365, 43.6001



148.1250, -73.0256, 89.3444

Inverse Universe

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



87.1900, 15.1893, -18.5836



104.7140, 23.8050, -28.6902



71.9280, 22.7135, -5.1989



55.4450, 1.7526, -2.1443



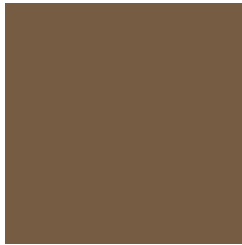
49.7150, 35.6365, -43.6001



101.8750, 73.0256, -89.3444

Previews

White Background



This preview shows how the YUV color 96.8100, -15.1893, 18.5836 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 YUV color 96.8100, -15.1893, 18.5836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

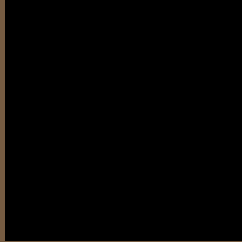
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.8100, -15.1893, 18.5836

Background



This preview shows how black text looks on a background with the YUV color 96.8100, -15.1893, 18.5836.

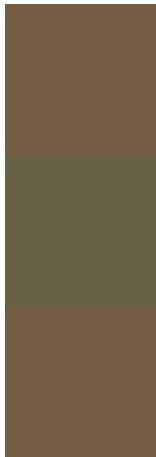


This preview shows how white text looks on a background with the YUV color 96.8100, -15.1893,

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

96.8100, -15.1893, 18.5836

Protanopia

96.0860, -13.8464, 7.8176

Deuteranopia

96.7990, -15.1839, 16.8393



Tritanopia

98.6650, -1.8068, 19.5878

Trichromacy



Original Color

96.8100, -15.1893, 18.5836

Protanomaly

96.2930, -14.4414, 12.0210

Deuteranomaly

97.0980, -15.3313, 17.4541

Tritanomaly

97.6990, -6.7536, 19.5580

Monochromacy



Original Color

96.8100, -15.1893, 18.5836

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.9640, -5.4053, 7.0476

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.8100, -15.1893, 18.5836 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(118, 92, 66)` looks like.

```
.text, #text, p{  
    color:rgb(118, 92, 66)  
}
```

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(118, 92, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 92, 66) }
```

Border

The CSS property to change the border of an element to YUV 96.8100, -15.1893, 18.5836 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(118, 92, 66) }
```


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

```
.border{ border-color:rgb(118, 92, 66) }
```

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

Here you see how a box with a 4 pixel rgb(118, 92, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 92, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 92, 66);  
box-shadow:4px 4px 4px 4px rgb(118, 92,  
66) }
```

Background

The CSS property to change the background color of an element to YUV 96.8100, -15.1893, 18.5836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 92, 66) }
```

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

```
.background{ background-color: rgb(118, 92,  
66) }
```

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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