

Converting Colors

YUV(96.3710, -19.4099,
18.9686)

Have a look what the booklet for
YUV(96.3710, -19.4099, 18.9686)
contains.

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Color

**YUV(96.3710, -19.4099,
18.9686)**

Conversions

Conversions Part 1

Format	Color
Hex	765D39
RGB	118, 93, 57
RGB Percent	46%, 36%, 22%
CMY	0.5373, 0.6353, 0.7765
CMYK	0.00, 0.21, 0.52, 0.54
HSL	35°, 35%, 34%
HSV	35°, 52%, 46%
XYZ	12.1241, 11.9757, 5.5434
YIQ	96.3710, 26.4560, -5.8960

Conversions

Conversions Part 2

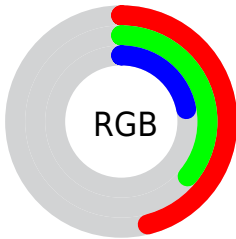
Format	Color
RYB	99, 118, 57
Decimal	7757113
CIELab	41.18, 5.24, 24.46
CIElCh	41, 25.011, 77.906
Yxy	11.9757, 0.4090, 0.4040
Android (android.graphics.Color)	4285947193 (0xFF765D39)
YUV	96.3710, -19.4099, 18.9686
Hunter-Lab	34.6059, 1.9768, 14.7266

Details

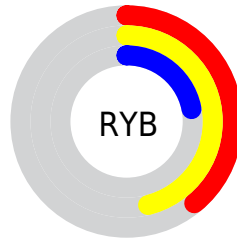
The YUV color **96.3710, -19.4099, 18.9686** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **78.6290, 19.4099, -18.9686**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.3390, -20.8731, 21.6277**, and **49.1040, -17.7993, 15.6948** is the 20% darker color. If you saturate the color by 10%, you get **92.0680, -23.2045, 22.7424**, and if you desaturate by 10%, it is **100.6740, -15.6153, 15.1949**.

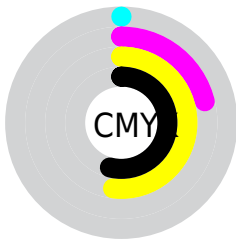
Distribution



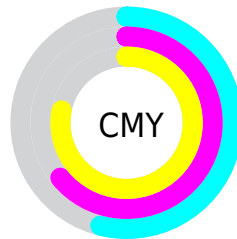
- Red (46%)
- Green (36%)
- Blue (22%)



- Red (39%)
- Yellow (46%)
- Blue (22%)



- Cyan (0%)
- Magenta (21%)
- Yellow (52%)
- Black (54%)



- Cyan (54%)
- Magenta (64%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.3710, -19.4099, 18.9686 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 96.3710, -19.4099, 18.9686 by changing the saturation by 10% instead.

■ 96.3710, -19.4099,
18.9686

■ 96.3710, -19.4099,
18.9686

255.0000, 0.0000,
0.0000

■ 72.0010, -18.2415,
17.5391

■ 147.3390,
-20.8731, 21.6277

■ 49.1040, -17.7993,
15.6948

■ 174.4100,
-21.8941, 22.4424

■ 28.4180, -14.0101,
13.6654

■ 201.5950,
-22.4783, 23.1572

■ 5.3820, -2.6533,
11.0660

■ 229.1820,
-22.7677, 22.6424

■ 0.0000, 0.0000,
0.0000

■ 248.8100,
-18.6403, 5.4286

■ 253.1760, -6.9888,

1.5996

■ 96.3710, -19.4099,
18.9686

■ 96.3710, -19.4099,
18.9686

■ 92.0680, -23.2045,
22.7424

■ 100.6740,
-15.6153, 15.1949

■ 87.7650, -26.9991,
26.5161

■ 104.9770,
-11.8207, 11.4212

■ 83.5760, -30.3570,
30.1898

■ 109.1660, -8.4628,
7.7474

■ 79.8600, -34.4410,
33.4488

■ 112.8820, -4.3788,
4.4885

■ 76.3720, -37.6514,
36.5078

■ 117.1850, -0.5842,
0.7148

■ 121.4880, 3.2104,
-3.0590

■ 125.7910, 7.0050,
-6.8327

■ 129.9800, 10.3629,
-10.5065

■ 134.2830, 14.1575,
-14.2802

Harmonies

Analogous

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



97.7020, -14.6431, 30.0793



96.3710, -19.4099, 18.9686



94.5000, -18.4875, 3.0695

Triad

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



96.3710, -19.4099, 18.9686



81.5030, 13.5560, -54.8151



99.7040, 12.4709, 13.4146

Complementary

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



96.3710, -19.4099, 18.9686



78.6290, 19.4099, -18.9686

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.



97.2820, 19.0880, -9.0173



96.3710, -19.4099, 18.9686



81.7830, 22.2920, -56.8147

Square

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



96.3710, -19.4099, 18.9686



88.0790, -0.0389, -34.2723



91.3390, 22.5109, -33.6233



99.6860, 3.1128, 28.3394

Rectangle

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



96.3710, -19.4099, 18.9686



92.5740, -14.0870, -8.3964



91.3390, 22.5109, -33.6233



99.6430, 14.9660, 6.4521

Sweetspot

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



96.3710, -19.4099, 18.9686



144.3940, -7.5892, 7.5475



78.0890, 1.9281, 35.0019



71.7680, -4.8156, 4.5885



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.



96.3710, -19.4099, 18.9686



119.2770, -30.2096, 29.5751



109.5510, -25.9076, 3.0248



56.5550, -1.7526, 2.1443



78.7420, -38.8198, 37.9373



161.0390, -79.3922, 78.0188

Inverse Universe

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



78.6290, 19.4099, -18.9686



91.7230, 30.2096, -29.5751



65.4490, 25.9076, -3.0248



54.8580, 2.0420, -1.6295



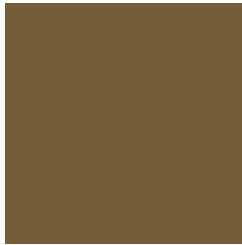
43.2580, 38.8198, -37.9373



88.3740, 79.6816, -77.5040

Previews

White Background



This preview shows how the YUV color 96.3710, -19.4099, 18.9686 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 96.3710, -19.4099, 18.9686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

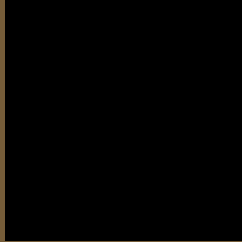
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.3710, -19.4099, 18.9686

Background



This preview shows how black text looks on a background with the YUV color 96.3710, -19.4099, 18.9686.



This preview shows how white text looks on a background with the YUV color 96.3710, -19.4099,

18.9686.

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

96.3710, -19.4099, 18.9686

Protanopia

95.3590, -17.9250, 9.3322

Deuteranopia

96.3710, -19.4099, 18.9686



Tritanopia

98.6650, -1.8068, 19.5878

Trichromacy



Original Color

96.3710, -19.4099, 18.9686

Protanomaly

95.8540, -18.6620, 12.4060

Deuteranomaly

96.3710, -19.4099, 18.9686

Tritanomaly

97.9440, -8.3534, 19.3431

Monochromacy



Original Color

96.3710, -19.4099, 18.9686

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.2090, -7.0050, 6.8327

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.3710, -19.4099, 18.9686 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, 93, 57)` looks like.

```
.text, #text, p{  
    color:rgb(118, 93, 57)  
}
```

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, 93, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 93, 57) }
```

Border

The CSS property to change the border of an element to YUV 96.3710, -19.4099, 18.9686 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, 93, 57) }
```


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

```
.border{ border-color:rgb(118, 93, 57) }
```

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

Here you see how a box with a 4 pixel rgb(118, 93, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 93, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 93, 57);  
box-shadow:4px 4px 4px 4px rgb(118, 93,  
57) }
```

Background

The CSS property to change the background color of an element to YUV 96.3710, -19.4099, 18.9686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 93, 57) }
```

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

```
.background{ background-color: rgb(118, 93,  
57) }
```

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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