

Converting Colors

YUV(96.6280, -5.7326, 18.7432)

Have a look what the booklet for
YUV(96.6280, -5.7326, 18.7432)
contains.

YUV(96.6280, -5.7326, 18.7432)	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

**YUV(96.6280, -5.7326,
18.7432)**

Conversions

Conversions Part 1

Format	Color
Hex	765855
RGB	118, 88, 85
RGB Percent	46%, 35%, 33%
CMY	0.5373, 0.6549, 0.6667
CMYK	0.00, 0.25, 0.28, 0.54
HSL	5°, 16%, 40%
HSV	5°, 28%, 46%
XYZ	12.6006, 11.4869, 10.1474
YIQ	96.6280, 18.8430, 5.4270

Conversions

Conversions Part 2

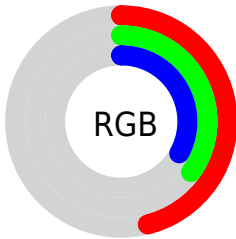
Format	Color
R _Y B	118, 88, 85
Decimal	7755861
CIE Lab	40.39, 11.90, 6.55
CIE LCh	40, 13.577, 28.822
Yxy	11.4869, 0.3681, 0.3355
Android (android.graphics.Color)	4285945941 (0xFF765855)
YUV	96.6280, -5.7326, 18.7432
Hunter-Lab	33.8923, 7.0520, 5.9731

Details

The YUV color **96.6280, -5.7326, 18.7432** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **106.3720, 5.7326, -18.7432**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.5250, -6.1748, 20.5876**, and **49.8450, -4.8536, 16.7989** is the 20% darker color. If you saturate the color by 10%, you get **88.8030, -7.7909, 25.6058**, and if you desaturate by 10%, it is **104.4530, -3.6743, 11.8807**.

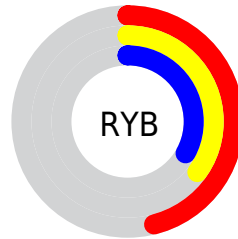
Distribution



Red (46%)

Green (35%)

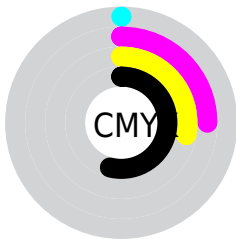
Blue (33%)



Red (46%)

Yellow (35%)

Blue (33%)

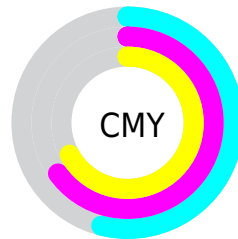


Cyan (0%)

Magenta (25%)

Yellow (28%)

Black (54%)



Cyan (54%)

Magenta (65%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.6280, -5.7326, 18.7432 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 96.6280, -5.7326, 18.7432 by changing the saturation by 10% instead.

■ 96.6280, -5.7326,
18.7432

■ 96.6280, -5.7326,
18.7432

■ 255.0000, 0.0000,
0.0000

■ 73.0300, -5.4378,
17.5137

■ 147.5250, -6.1748,
20.5876

■ 49.8450, -4.8536,
16.7989

■ 173.8240, -6.3222,
21.2024

■ 28.9480, -4.4114,
14.9546

■ 202.0090, -6.9064,
21.9171

■ 7.7740, -3.8326,
15.9842

■ 229.3080, -7.0538,
22.5319

■ 0.0000, 0.0000,
0.0000

■ 249.6370, -2.7790,
4.7034

■ 96.6280, -5.7326,
18.7432

■ 96.6280, -5.7326,
18.7432

■ 88.8030, -7.7909,
25.6058

■ 104.4530, -3.6743,
11.8807

■ 81.5650, -10.1385,
31.9535

■ 111.6910, -1.3267,
5.5330

■ 73.8540, -11.7600,
38.7160

■ 119.4020, 0.2948,
-1.2296

■ 66.0290, -13.8183,
45.5786

■ 127.2270, 2.3531,
-8.0921

■ 58.2040, -15.8766,
52.4411

■ 135.0520, 4.4114,
-14.9546

■ 50.9660, -18.2242,
58.7888

■ 142.2900, 6.7590,
-21.3023

■ 43.1410, -20.2825,
65.6513

■ 150.1150, 8.8173,
-28.1649

■ 41.7390, -20.5773,

■ 157.8260, 10.4388,

66.8809

-34.9274

■ 165.6510, 12.4971,
-41.7899

Harmonies

Analogous

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



96.9960, -0.4910, 17.5435



96.6280, -5.7326, 18.7432



95.9820, -9.3581, 14.9248

Triad

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



96.6280, -5.7326, 18.7432



91.7830, -4.3300, -11.2107



94.2080, 11.2365, -10.7064

Complementary

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



96.6280, -5.7326, 18.7432



106.3720, 5.7326, -18.7432

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.



91.7400, 10.9742, -19.9430



96.6280, -5.7326, 18.7432



91.2210, 1.3700, -19.4878

Square

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



96.6280, -5.7326, 18.7432



93.6980, -8.7251, -1.4891



90.3930, 7.2013, -23.1467



96.7040, 9.0199, 0.2596

Rectangle

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



96.6280, -5.7326, 18.7432



95.3190, -10.5103, 11.1212



90.3930, 7.2013, -23.1467



93.3000, 11.6841, -14.2951

Sweetspot

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



96.6280, -5.7326, 18.7432



145.1750, -2.0583, 6.8625



98.2870, 8.2395, 17.2883



71.9790, -1.4686, 4.4034



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.



96.6280, -5.7326, 18.7432



119.4830, -9.1121, 29.3944



106.0200, -10.3629, 10.5065



54.7940, -0.8844, 3.6887



42.9350, -21.1670, 69.3400



88.2510, -43.5077, 141.8539

Inverse Universe

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



106.3720, 5.7326, -18.7432



134.5170, 9.1121, -29.3944



96.9800, 10.3629, -10.5065



56.6190, 1.1738, -3.1739



79.0650, 21.1670, -69.3400



161.7490, 43.5077, -141.8539

Previews

White Background



This preview shows how the YUV color 96.6280, -5.7326, 18.7432 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 96.6280, -5.7326, 18.7432 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 96.6280, -5.7326, 18.7432

Background



This preview shows how black text looks on a background with the YUV color 96.6280, -5.7326, 18.7432.



This preview shows how white text looks on a background with the YUV color 96.6280, -5.7326,

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

96.6280, -5.7326, 18.7432

Protanopia

95.5120, -3.2104, 3.0590

Deuteranopia

96.1710, -6.0003, 11.2510



Tritanopia

97.2520, -2.0962, 19.0730

Trichromacy



Original Color

96.6280, -5.7326, 18.7432

Protanomaly

95.7300, -3.8109, 9.0068

Deuteranomaly

96.4810, -6.1531, 13.6102

Tritanomaly

96.9100, -3.4066, 19.3729

Monochromacy



Original Color

96.6280, -5.7326, 18.7432

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.1750, -2.0583, 6.8625

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.6280, -5.7326, 18.7432 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, 88, 85)` looks like.

```
.text, #text, p{  
    color:rgb(118, 88, 85)  
}
```

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, 88, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 88, 85) }
```

Border

The CSS property to change the border of an element to YUV 96.6280, -5.7326, 18.7432 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, 88, 85) }
```


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

```
.border{ border-color:rgb(118, 88, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 88, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 88, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 88, 85);  
box-shadow:4px 4px 4px 4px rgb(118, 88,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 96.6280, -5.7326, 18.7432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 88, 85) }
```

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

```
.background{ background-color: rgb(118, 88,  
85) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor