

Converting Colors

YUV(98.2980, -18.8809,
-10.7853)

Have a look what the booklet for
YUV(98.2980, -18.8809, -10.7853)
contains.

YUV(98.2980, -18.8809, -10.7853)	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(98.2980, -18.8809,
-10.7853)**

Conversions

Conversions Part 1

Format	Color
Hex	56703C
RGB	86, 112, 60
RGB Percent	34%, 44%, 24%
CMY	0.6627, 0.5608, 0.7647
CMYK	0.23, 0.00, 0.46, 0.56
HSL	90°, 30%, 34%
HSV	90°, 46%, 44%
XYZ	10.4475, 13.8930, 6.4059
YIQ	98.2980, 1.1960, -21.6840

Conversions

Conversions Part 2

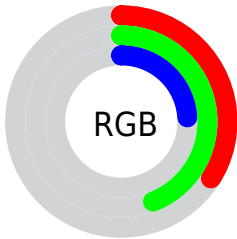
Format	Color
RYB	60, 112, 86
Decimal	5664828
CIELab	44.08, -19.45, 25.80
CIELCh	44, 32.308, 127.012
Yxy	13.8930, 0.3398, 0.4519
Android (android.graphics.Color)	4283854908 (0xFF56703C)
YUV	98.2980, -18.8809, -10.7853
Hunter-Lab	37.2733, -15.1957, 15.9015

Details

The YUV color **98.2980, -18.8809, -10.7853** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **73.7020, 18.8809, 10.7853**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.5430, -20.4807, -11.0002**, and **50.9390, -17.7179, -10.4705** is the 20% darker color. If you saturate the color by 10%, you get **95.2500, -22.8012, -13.3742**, and if you desaturate by 10%, it is **101.3460, -14.9606, -8.1964**.

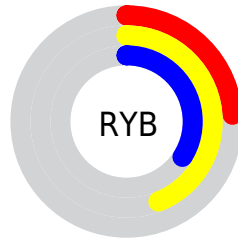
Distribution



 Red (34%)

 Green (44%)

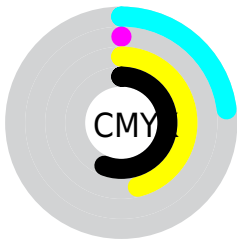
 Blue (24%)



 Red (24%)

 Yellow (44%)

 Blue (34%)

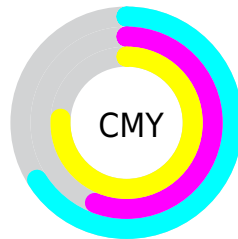


 Cyan (23%)


 Magenta (0%)

 Yellow (46%)

 Black (56%)



 Cyan (66%)

 Magenta (56%)

 Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.2980, -18.8809, -10.7853 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 98.2980, -18.8809, -10.7853 by changing the saturation by 10% instead.

■ 98.2980, -18.8809,
-10.7853

■ 98.2980, -18.8809,
-10.7853

■ 255.0000, 0.0000,
0.0000

■ 73.8250, -18.1547,
-10.3705

■ 149.5430,
-20.4807, -11.0002

■ 50.9390, -17.7179,
-10.4705

■ 176.4290,
-20.9175, -10.9002

■ 30.0360, -14.8077,
-10.5556

■ 203.9020,
-21.6437, -11.3151

■ 13.5010, -6.6560,
-11.8404

■ 231.9020,
-21.6437, -11.3151

■ 0.0000, 0.0000,
0.0000

■ 248.3470,
-16.4401, -0.3043

■ 253.7460, -4.8048,

1.0998

■ 98.2980, -18.8809,
-10.7853

■ 98.2980, -18.8809,
-10.7853

■ 95.2500, -22.8012,
-13.3742

■ 101.3460,
-14.9606, -8.1964

■ 92.5010, -26.8690,
-15.3484

■ 104.0950,
-10.8928, -6.2223

■ 89.3390, -31.2261,
-17.8373

■ 107.2570, -6.5357,
-3.7334

■ 86.5900, -35.2939,
-19.8114

■ 110.0060, -2.4680,
-1.7593

■ 83.5420, -39.2142,
-22.4003

■ 113.0540, 1.4524,
0.8296

■ 82.4880, -40.6666,
-23.2300

■ 116.1020, 5.3727,
3.4185

■ 118.8510, 9.4405,
5.3927

■ 122.0130, 13.7976,
7.8816

■ 124.7620, 17.8653,
9.8557

Harmonies

Analogous

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



101.7200, -25.4980, 11.6466



98.2980, -18.8809, -10.7853



92.3900, -5.1223, -37.1760

Triad

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



98.2980, -18.8809, -10.7853



83.7730, 34.1289, -73.4689



105.7650, -3.3351, 43.1791

Complementary

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



98.2980, -18.8809, -10.7853



73.7020, 18.8809, 10.7853

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.



107.6030, 9.0697, 31.0432



98.2980, -18.8809, -10.7853



101.0610, 27.5779, -25.4865

Square

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



98.2980, -18.8809, -10.7853



84.1830, 25.5458, -73.8285



106.9080, 19.7654, 7.0967



104.2520, -15.4072, 41.8750

Rectangle

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



98.2980, -18.8809, -10.7853



82.5740, 9.0840, -67.1554



106.9080, 19.7654, 7.0967



105.8940, 1.0383, 40.4350

Sweetspot

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



98.2980, -18.8809, -10.7853



139.7300, -7.2619, -4.1482



90.8100, -15.1893, 18.5836



70.7240, -4.7939, -2.3889



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



98.2980, -18.8809, -10.7853



123.8060, -29.4844, -16.4929



90.5240, -15.0483, -26.7695



54.4190, -2.1786, -1.2445



88.3800, -43.5713, -24.8893



182.0650, -89.7580, -50.9230

Inverse Universe

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



73.7020, 18.8809, 10.7853



85.4930, 29.3370, 17.1076



81.4760, 15.0483, 26.7695



51.5810, 2.1786, 1.2445



31.6200, 43.5713, 24.8893



65.2340, 89.6106, 51.5378

Previews

White Background



This preview shows how the YUV color 98.2980, -18.8809, -10.7853 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 98.2980, -18.8809, -10.7853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

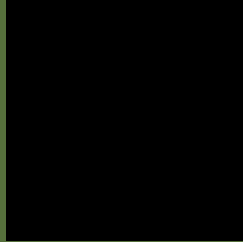
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.2980, -18.8809, -10.7853

Background



This preview shows how black text looks on a background with the YUV color 98.2980, -18.8809, -10.7853.



This preview shows how white text looks on a background with the YUV color 98.2980, -18.8809, -10.7853.

-10.7853.

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

98.2980, -18.8809, -10.7853

Protanopia

101.6320, -22.0036, 10.8467

Deuteranopia

102.9690, -19.7047, 20.1982



Tritanopia

103.3240, 5.2633, -8.1771

Trichromacy



Original Color

98.2980, -18.8809, -10.7853

Protanomaly

100.5170, -20.9609, 3.0546

Deuteranomaly

101.3050, -19.3774, 8.5025

Tritanomaly

101.3210, -3.6093, -9.0515

Monochromacy



Original Color

98.2980, -18.8809, -10.7853

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.1430, -6.9725, -3.6334

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.2980, -18.8809, -10.7853 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(86, 112, 60)` looks like.

```
.text, #text, p{  
    color:rgb(86, 112, 60)  
}
```

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(86, 112, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 112, 60) }
```

Border

The CSS property to change the border of an element to YUV 98.2980, -18.8809, -10.7853 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(86, 112, 60) }
```


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

```
.border{ border-color:rgb(86, 112, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 112, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 112, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 112, 60);  
box-shadow:4px 4px 4px 4px rgb(86, 112,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 98.2980, -18.8809, -10.7853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 112, 60) }
```

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

```
.background{ background-color: rgb(86, 112,  
60) }
```

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