

Converting Colors

YUV(98.3530, -18.9080, -2.0636)

Have a look what the booklet for
YUV(98.3530, -18.9080, -2.0636)
contains.

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Color

**YUV(98.3530, -18.9080,
-2.0636)**

Conversions

Conversions Part 1

Format	Color
Hex	606B3C
RGB	96, 107, 60
RGB Percent	38%, 42%, 24%
CMY	0.6235, 0.5804, 0.7647
CMYK	0.10, 0.00, 0.44, 0.58
HSL	74°, 28%, 33%
HSV	74°, 44%, 42%
XYZ	10.8972, 13.3284, 6.2733
YIQ	98.3530, 8.5310, -16.9490

Conversions

Conversions Part 2

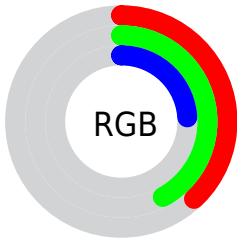
Format	Color
RYB	60, 107, 71
Decimal	6318908
CIELab	43.25, -12.50, 24.92
CIElCh	43, 27.878, 116.650
Yxy	13.3284, 0.3573, 0.4370
Android (android.graphics.Color)	4284508988 (0xFF606B3C)
YUV	98.3530, -18.9080, -2.0636
Hunter-Lab	36.5081, -10.6094, 15.3678

Details

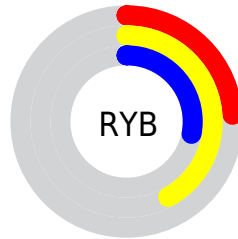
The YUV color **98.3530, -18.9080, -2.0636** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **68.6470, 18.9080, 2.0636**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.0110, -20.2184, -1.7636**, and **51.2820, -17.8870, -2.8783** is the 20% darker color. If you saturate the color by 10%, you get **96.2020, -23.2706, -2.8082**, and if you desaturate by 10%, it is **100.5040, -14.5455, -1.3190**.

Distribution



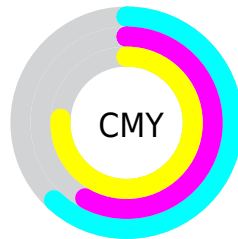
- Red (38%)
- Green (42%)
- Blue (24%)



- Red (24%)
- Yellow (42%)
- Blue (28%)



- Cyan (10%)
- Magenta (0%)
- Yellow (44%)
- Black (58%)



- Cyan (62%)
- Magenta (58%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.3530, -18.9080, -2.0636 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 98.3530, -18.9080, -2.0636 by changing the saturation by 10% instead.

■ 98.3530, -18.9080,
-2.0636

■ 98.3530, -18.9080,
-2.0636

■ 255.0000, 0.0000,
0.0000

■ 74.4670, -18.4712,
-2.1636

■ 149.0110,
-20.2184, -1.7636

■ 51.2820, -17.8870,
-2.8783

■ 175.8970,
-20.6552, -1.6637

■ 30.6780, -15.1243,
-2.3486

■ 203.6690,
-21.5288, -1.4637

■ 11.1530, -5.4984,
-9.7812

■ 231.5550,
-21.9656, -1.3637

■ 0.0000, 0.0000,
0.0000

■ 250.4400,
-17.4719, 3.9991

■ 253.7460, -4.8048,

1.0998

■ 98.3530, -18.9080,
-2.0636

■ 98.3530, -18.9080,
-2.0636

■ 96.2020, -23.2706,
-2.8082

■ 100.5040,
-14.5455, -1.3190

■ 94.4640, -27.3438,
-3.0379

■ 102.2420,
-10.4723, -1.0892

■ 92.3130, -31.7063,
-3.7825

■ 104.3930, -6.1097,
-0.3447

■ 90.4610, -36.2163,
-3.9123

■ 106.2450, -1.5998,
-0.2149

■ 88.3100, -40.5788,
-4.6569

■ 108.3960, 2.7628,
0.5297

■ 87.3270, -43.0522,
-4.6718

■ 110.1340, 6.8359,
0.7595

■ 112.2850, 11.1985,
1.5041

■ 114.1370, 15.7085,
1.6339

■ 116.1740, 19.6342,
2.4784

Harmonies

Analogous

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



100.6650, -22.0198, 16.0798



98.3530, -18.9080, -2.0636



95.0390, -9.3862, -22.8362

Triad

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



98.3530, -18.9080, -2.0636



83.2100, 27.9975, -66.8362



104.4480, 0.7651, 34.6871

Complementary

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



98.3530, -18.9080, -2.0636



68.6470, 18.9080, 2.0636

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.



105.4060, 11.1388, 20.6919



98.3530, -18.9080, -2.0636



97.0450, 25.1208, -30.7345

Square

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



98.3530, -18.9080, -2.0636



80.8260, 20.2988, -70.8844



103.4400, 19.5031, -2.1399



103.0110, -9.8654, 37.7014

Rectangle

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



98.3530, -18.9080, -2.0636



91.3450, -0.1701, -38.8906



103.4400, 19.5031, -2.1399



104.6370, 4.1230, 31.0134

Sweetspot

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



98.3530, -18.9080, -2.0636



136.7520, -7.2727, -0.6595



80.5100, -10.1114, 23.2317



69.1480, -4.5100, -0.1298



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



98.3530, -18.9080, -2.0636



126.4810, -29.8171, -3.0528



91.4760, -15.5177, -16.2035



52.7180, -2.3260, -0.6297



95.5890, -47.1254, -4.9016



200.0270, -98.6133, -10.5477

Inverse Universe

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



68.6470, 18.9080, 2.0636



79.5190, 29.8171, 3.0528



75.5240, 15.5177, 16.2035



48.9830, 2.4734, 0.0149



21.4110, 47.1254, 4.9016



44.9730, 98.6133, 10.5477

Previews

White Background



This preview shows how the YUV color 98.3530, -18.9080, -2.0636 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 98.3530, -18.9080, -2.0636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

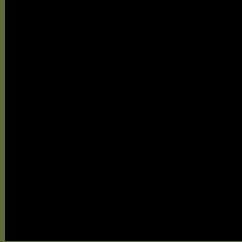
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.3530, -18.9080, -2.0636

Background



This preview shows how black text looks on a background with the YUV color 98.3530, -18.9080, -2.0636.



This preview shows how white text looks on a background with the YUV color 98.3530, -18.9080,

-2.0636.

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

98.3530, -18.9080, -2.0636

Protanopia

99.9740, -20.6932, 10.5468

Deuteranopia

101.0830, -19.2679, 20.0982



Tritanopia

102.2110, 3.3470, -0.1850

Trichromacy



Original Color

98.3530, -18.9080, -2.0636

Protanomaly

99.4680, -19.9507, 5.7286

Deuteranomaly

100.3270, -19.3882, 11.9912

Tritanomaly

100.7350, -4.7994, -0.6446

Monochromacy



Original Color

98.3530, -18.9080, -2.0636

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.8660, -6.8359, -0.7595

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.3530, -18.9080, -2.0636 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(96, 107, 60)` looks like.

```
.text, #text, p{  
    color:rgb(96, 107, 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(96, 107, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 107, 60) }
```

Border

The CSS property to change the border of an element to YUV 98.3530, -18.9080, -2.0636 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(96, 107, 60) }
```


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

```
.border{ border-color:rgb(96, 107, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 107, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 107, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 107, 60);  
box-shadow:4px 4px 4px 4px rgb(96, 107,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 98.3530, -18.9080, -2.0636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 107, 60) }
```

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

```
.background{ background-color: rgb(96, 107,  
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](#).

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