

# Converting Colors

YUV(152.1830, -17.8382,  
-18.5775)

Have a look what the booklet for  
YUV(152.1830, -17.8382, -18.5775)  
contains.

<b>YUV(152.1830, -17.8382, -18.5775)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(152.1830, -17.8382,  
-18.5775)**

# Conversions

## Conversions Part 1

Format	Color
Hex	83AA74
RGB	131, 170, 116
RGB Percent	51%, 67%, 45%
CMY	0.4863, 0.3333, 0.5451
CMYK	0.23, 0.00, 0.32, 0.33
HSL	103°, 24%, 56%
HSV	103°, 32%, 67%
XYZ	26.8872, 34.8357, 21.8299
YIQ	152.1830, -5.9100, -25.0620

# Conversions

## Conversions Part 2

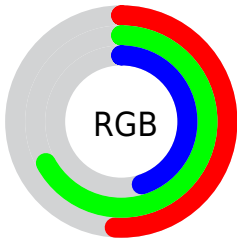
<b>Format</b>	<b>Color</b>
<b>RYB</b>	116, 170, 155
Decimal	8628852
CIELab	65.62, -23.59, 23.67
CIELCh	66, 33.415, 134.901
Yxy	34.8357, 0.3218, 0.4169
Android (android.graphics.Color)	4286818932 (0xFF83AA74)
YUV	152.1830, -17.8382, -18.5775
Hunter-Lab	59.0218, -21.9730, 19.3862

# Details

The YUV color **152.1830, -17.8382, -18.5775** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **133.8170, 17.8382, 18.5775**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.5420, -19.0012, -18.8923**, and **100.8240, -16.6752, -18.2626** is the 20% darker color. If you saturate the color by 10%, you get **146.6570, -23.4949, -24.2552**, and if you desaturate by 10%, it is **157.7090, -12.1815, -12.8998**.

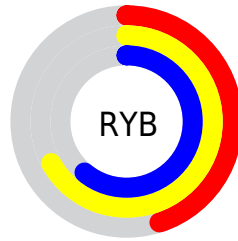
# Distribution



Red (51%)

Green (67%)

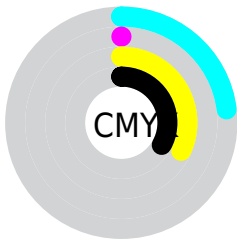
Blue (45%)



Red (45%)

Yellow (67%)

Blue (61%)

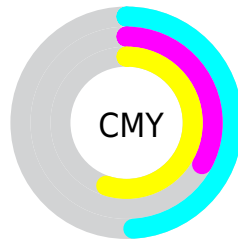


Cyan (23%)

Magenta (0%)

Yellow (32%)

Black (33%)



Cyan (49%)

Magenta (33%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 152.1830, -17.8382, -18.5775 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 152.1830, -17.8382, -18.5775 by changing the saturation by 10% instead.



■ 152.1830,  
-17.8382, -18.5775

■ 152.1830,  
-17.8382, -18.5775

255.0000, 0.0000,  
0.0000

■ 125.7100,  
-17.1120, -18.1627

■ 206.5420,  
-19.0012, -18.8923

■ 100.8240,  
-16.6752, -18.2626

■ 235.1290,  
-19.2906, -19.4071

■ 76.3510, -15.9490,  
-17.8478

■ 247.2800,  
-11.4770, -5.5076

■ 52.5790, -15.0754,  
-18.0478

254.7720, -0.8736,  
0.2000

■ 29.9920, -14.7861,  
-17.5330

■ 16.4360, -8.1029,  
-14.4144

■ 0.0000, 0.0000,

0.0000

■ 152.1830,  
-17.8382, -18.5775

■ 152.1830,  
-17.8382, -18.5775

■ 146.6570,  
-23.4949, -24.2552

■ 157.7090,  
-12.1815, -12.8998

■ 140.8320,  
-29.0042, -30.5477

■ 163.5340, -6.6723,  
-6.6073

■ 135.3060,  
-34.6609, -36.2254

■ 169.0600, -1.0156,  
-0.9296

■ 129.7800,  
-40.3175, -41.9031

■ 174.5860, 4.6411,  
4.7481

■ 124.2540,  
-45.9742, -47.5808

■ 180.1120, 10.2978,  
10.4258

■ 118.4290,  
-51.4835, -53.8732

■ 185.9370, 15.8071,  
16.7183

■ 113.8430,  
-56.1246, -58.6213

■ 191.4630, 21.4637,  
22.3959

■ 196.9890, 27.1204,  
28.0736

■ 201.2180, 26.5145,  
35.7658

# Harmonies

## Analogous

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



155.9430, -27.0869, 7.9430



152.1830, -17.8382, -18.5775



147.1330, -2.0376, -46.5976

# Triad

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



152.1830, -17.8382, -18.5775



150.5740, 32.7480, -50.4924



162.1310, -8.4456, 48.9971

# Complementary

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



152.1830, -17.8382, -18.5775



133.8170, 17.8382, 18.5775

# 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.



163.2620, 6.2798, 39.2352



152.1830, -17.8382, -18.5775



159.0560, 28.5664, -15.8351

# Square

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



152.1830, -17.8382, -18.5775



140.0130, 30.0666, -77.1874



163.1480, 19.1540, 16.5332



160.1940, -20.8016, 45.4339



# Rectangle

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



152.1830, -17.8382, -18.5775



142.5250, 10.0942, -64.4814



163.1480, 19.1540, 16.5332



162.4990, -3.2040, 47.7974

# Sweetspot

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



152.1830, -17.8382, -18.5775



214.7080, -7.2510, -7.6369



155.0390, -19.2462, 13.1208



107.5280, -4.2043, -4.8481



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000



# Same Dimension

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



152.1830, -17.8382, -18.5775



194.1850, -27.6992, -29.1032



149.0660, -10.3855, -28.9989



81.2940, -2.6099, -2.8888



99.1350, -48.8736, -50.9844



13.5340, -6.6723, -6.6073



# Inverse Universe

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



133.8170, 17.8382, 18.5775



165.5160, 27.8466, 28.4885



136.9340, 10.3855, 28.9989



78.7060, 2.6099, 2.8888



48.8650, 48.8736, 50.9844



6.7650, 6.5249, 7.2221



# Previews

## White Background



This preview shows how the YUV color 152.1830, -17.8382, -18.5775 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 152.1830, -17.8382, -18.5775 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

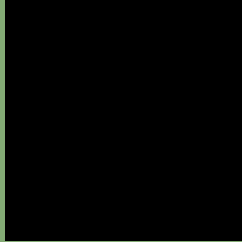
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 152.1830, -17.8382, -18.5775 Background



This preview shows how black text looks on a background with the YUV color 152.1830, -17.8382, -18.5775.



This preview shows how white text looks on a background with the YUV color 152.1830, -17.8382, -18.5775.



# 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

152.1830, -17.8382, -18.5775

### Protanopia

157.4150, -22.8826, 12.7910

### Deuteranopia

158.8170, -19.1368, 24.7165



## Tritanopia

157.2030, 8.7739, -14.2100

# Trichromacy



## Original Color

152.1830, -17.8382, -18.5775

## Protanomaly

155.5060, -20.9555, 1.3102

## Deuteranomaly

156.8320, -18.6512, 8.9173

## Tritanomaly

155.3740, -0.6774, -16.1140

# Monochromacy



## Original Color

152.1830, -17.8382, -18.5775

## Achromatopsia

152.0000, 0.0000, 0.0000

## Achromatomaly

152.2350, -6.5249, -7.2221

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 152.1830, -17.8382, -18.5775 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(131, 170, 116)` looks like.

```
.text, #text, p{  
    color:rgb(131, 170, 116)  
}
```

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(131, 170, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 170, 116) }
```

## Border

The CSS property to change the border of an element to YUV 152.1830, -17.8382, -18.5775 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(131, 170, 116) }
```



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

```
.border{ border-color:rgb(131, 170, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 170, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 170, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 170, 116);  
box-shadow:4px 4px 4px 4px rgb(131, 170,  
116) }
```

# Background

The CSS property to change the background color of an element to YUV 152.1830, -17.8382, -18.5775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 170, 116) }
```

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

```
.background{ background-color: rgb(131,  
170, 116) }
```

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