

Converting Colors

YUV(158.1870, -27.2072,
-0.1640)

Have a look what the booklet for
YUV(158.1870, -27.2072, -0.1640)
contains.

YUV(158.1870, -27.2072, -0.1640)	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(158.1870, -27.2072,
-0.1640)**

Conversions

Conversions Part 1

Format	Color
Hex	9EA967
RGB	158, 169, 103
RGB Percent	62%, 66%, 40%
CMY	0.3804, 0.3373, 0.5961
CMYK	0.07, 0.00, 0.39, 0.34
HSL	70°, 28%, 53%
HSV	70°, 39%, 66%
XYZ	30.7367, 36.6243, 18.2812
YIQ	158.1870, 14.6300, -22.8580

Conversions

Conversions Part 2

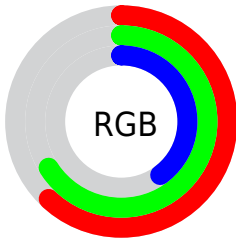
Format	Color
RYB	103, 169, 114
Decimal	10398055
CIELab	66.99, -14.54, 32.76
CIElCh	67, 35.840, 113.930
Yxy	36.6243, 0.3589, 0.4276
Android (android.graphics.Color)	4288588135 (0xFF9EA967)
YUV	158.1870, -27.2072, -0.1640
Hunter-Lab	60.5180, -15.2476, 24.4524

Details

The YUV color $158.1870, -27.2072, -0.1640$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $113.8130, 27.2072, 0.1640$, and the grayscale version is $158.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $213.1440, -28.6650, 0.7507$, and $106.2300, -25.7494, -1.0787$ is the 20% darker color. If you saturate the color by 10%, you get $155.3520, -34.1905, -0.3087$, and if you desaturate by 10%, it is $161.0220, -20.2238, -0.0193$.

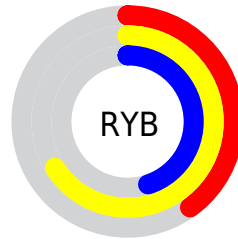
Distribution



Red (62%)

Green (66%)

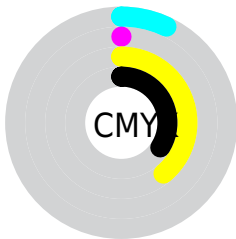
Blue (40%)



Red (40%)

Yellow (66%)

Blue (45%)

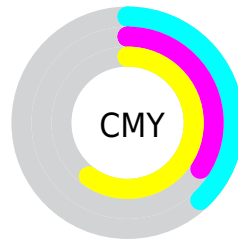


Cyan (7%)

Magenta (0%)

Yellow (39%)

Black (34%)



Cyan (38%)

Magenta (34%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.1870, -27.2072, -0.1640 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 158.1870, -27.2072, -0.1640 by changing the saturation by 10% instead.

■ 158.1870,
-27.2072, -0.1640

■ 158.1870,
-27.2072, -0.1640

■ 255.0000, 0.0000,
0.0000

■ 132.0020,
-26.6230, -0.8788

■ 213.1440,
-28.6650, 0.7507

■ 106.2300,
-25.7494, -1.0787

■ 241.6170,
-29.3912, 0.3359

■ 81.4580, -24.8758,
-1.2787

■ 249.8700,
-19.6559, 4.4990

■ 57.9310, -25.6020,
-1.6935

■ 253.0620, -7.4256,
1.6996

■ 37.1680, -18.3238,
-2.7783

■ 16.1480, -7.9610,
-13.2848

■ 0.0000, 0.0000,

0.0000

■ 158.1870,
-27.2072, -0.1640

■ 158.1870,
-27.2072, -0.1640

■ 155.3520,
-34.1905, -0.3087

■ 161.0220,
-20.2238, -0.0193

■ 152.5170,
-41.1739, -0.4534

■ 163.8570,
-13.2405, 0.1254

■ 149.9810,
-48.3046, 0.0167

■ 166.3930, -6.1097,
-0.3447

■ 147.1460,
-55.2880, -0.1280

■ 169.2280, 0.8736,
-0.2000

■ 144.4250,
-61.8345, -0.3727

■ 171.9490, 7.4201,
0.0447

■ 141.5900,
-68.8179, -0.5174

■ 174.7840, 14.4035,
0.1894

■ 141.3620,
-69.6915, -0.3175

■ 177.6190, 21.3868,
0.3341

■ 180.4540, 28.3702,
0.4788

■ 182.9900, 35.5009,
0.0088

Harmonies

Analogous

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



161.4290, -30.7775, 25.0568



158.1870, -27.2072, -0.1640



153.3280, -14.4587, -29.2287

Triad

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



158.1870, -27.2072, -0.1640



142.6580, 35.1716, -81.2611



167.1660, 1.8902, 47.2124

Complementary

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



158.1870, -27.2072, -0.1640



113.8130, 27.2072, 0.1640

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.



167.5190, 16.5061, 25.8548



158.1870, -27.2072, -0.1640



155.8890, 35.0577, -44.6297

Square

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



158.1870, -27.2072, -0.1640



137.5570, 24.8684, -89.9425



164.4100, 28.3919, -6.4986



165.4860, -13.5506, 53.0708

Rectangle

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



158.1870, -27.2072, -0.1640



149.2960, -2.6109, -49.3716



164.4100, 28.3919, -6.4986



167.2130, 7.2900, 41.9092

Sweetspot

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



158.1870, -27.2072, -0.1640



214.8400, -10.7671, 0.1403



129.1910, -12.9122, 34.9125



107.2790, -6.5465, -0.2447



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



158.1870, -27.2072, -0.1640



202.1750, -42.4843, -0.1535



148.6190, -22.4902, -19.8369



82.7890, -3.3470, 0.1850



123.6530, -60.9609, -0.5727



16.8230, -8.2937, 0.1552

Inverse Universe

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



113.8130, 27.2072, 0.1640



132.8250, 42.4843, 0.1535



123.6800, 22.3428, 20.4516



77.2110, 3.3470, -0.1850



24.3470, 60.9609, 0.5727



3.1770, 8.2937, -0.1552

Previews

White Background



This preview shows how the YUV color 158.1870, -27.2072, -0.1640 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 158.1870, -27.2072, -0.1640 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 158.1870, -27.2072, -0.1640

Background



This preview shows how black text looks on a background with the YUV color 158.1870, -27.2072, -0.1640.



This preview shows how white text looks on a background with the YUV color 158.1870, -27.2072, -0.1640.

-0.1640.

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

158.1870, -27.2072, -0.1640

Protanopia

160.4170, -29.2926, 15.4203

Deuteranopia

162.2600, -27.7362, 29.5900



Tritanopia

164.1620, 4.3571, 2.4889

Trichromacy



Original Color

158.1870, -27.2072, -0.1640

Protanomaly

159.6120, -28.4027, 9.9873

Deuteranomaly

160.8950, -27.5562, 18.5091

Tritanomaly

162.1760, -6.9888, 1.5996

Monochromacy



Original Color

158.1870, -27.2072, -0.1640

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

158.0680, -9.8935, -0.0596

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.1870, -27.2072, -0.1640 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(158, 169, 103)` looks like.

```
.text, #text, p{  
    color:rgb(158, 169, 103)  
}
```

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(158, 169, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 169, 103) }
```

Border

The CSS property to change the border of an element to YUV 158.1870, -27.2072, -0.1640 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(158, 169, 103) }
```


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

```
.border{ border-color:rgb(158, 169, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 169, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 169, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 169, 103);  
box-shadow:4px 4px 4px 4px rgb(158, 169,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 158.1870, -27.2072, -0.1640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 169, 103) }
```

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

```
.background{ background-color: rgb(158,  
169, 103) }
```

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