

Converting Colors

YUV(159.9850, -24.1496,
-0.8638)

Have a look what the booklet for
YUV(159.9850, -24.1496, -0.8638)
contains.

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Color

**YUV(159.9850, -24.1496,
-0.8638)**

Conversions

Conversions Part 1

Format	Color
Hex	9FAA6F
RGB	159, 170, 111
RGB Percent	62%, 67%, 44%
CMY	0.3765, 0.3333, 0.5647
CMYK	0.06, 0.00, 0.35, 0.33
HSL	71°, 26%, 55%
HSV	71°, 35%, 67%
XYZ	31.5420, 37.2681, 20.5699
YIQ	159.9850, 12.3830, -20.6810

Conversions

Conversions Part 2

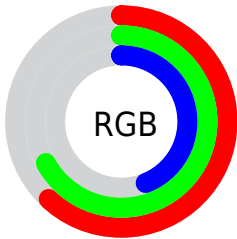
Format	Color
RYB	111, 170, 122
Decimal	10463855
CIELab	67.48, -13.65, 29.17
CIELCh	67, 32.203, 115.078
Yxy	37.2681, 0.3529, 0.4170
Android (android.graphics.Color)	4288653935 (0xFF9FAA6F)
YUV	159.9850, -24.1496, -0.8638
Hunter-Lab	61.0476, -14.6060, 22.7556

Details

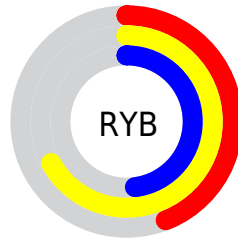
The YUV color **159.9850, -24.1496, -0.8638** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **121.0150, 24.1496, 0.8638**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.6430, -25.4600, -0.5639**, and **108.3270, -22.8392, -1.1638** is the 20% darker color. If you saturate the color by 10%, you get **157.1500, -31.1330, -1.0086**, and if you desaturate by 10%, it is **162.8200, -17.1663, -0.7191**.

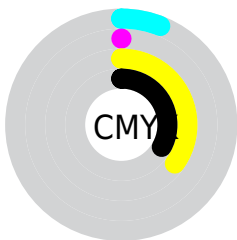
Distribution



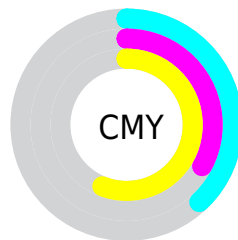
- Red (62%)
- Green (67%)
- Blue (44%)



- Red (44%)
- Yellow (67%)
- Blue (48%)



- Cyan (6%)
- Magenta (0%)
- Yellow (35%)
- Black (33%)



- Cyan (38%)
- Magenta (33%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.9850, -24.1496, -0.8638 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 159.9850, -24.1496, -0.8638 by changing the saturation by 10% instead.

■ 159.9850,
-24.1496, -0.8638

■ 159.9850,
-24.1496, -0.8638

■ 255.0000, 0.0000,
0.0000

■ 133.8000,
-23.5654, -1.5786

■ 214.6430,
-25.4600, -0.5639

■ 108.3270,
-22.8392, -1.1638

■ 243.5290,
-25.8968, -0.4639

■ 83.5550, -21.9656,
-1.3637

■ 250.8960,
-15.7247, 3.5992

■ 60.2560, -21.8182,
-1.9785

■ 254.0880, -3.4944,
0.7998

■ 38.3530, -18.9080,
-2.0636

■ 17.9420, -8.8454,
-9.5961

■ 0.0000, 0.0000,

0.0000

■ 159.9850,
-24.1496, -0.8638

■ 159.9850,
-24.1496, -0.8638

■ 157.1500,
-31.1330, -1.0086

■ 162.8200,
-17.1663, -0.7191

■ 154.3150,
-38.1163, -1.1533

■ 165.6550,
-10.1829, -0.5744

■ 151.1810,
-44.9522, -1.9127

■ 168.7890, -3.3470,
0.1850

■ 148.3460,
-51.9356, -2.0574

■ 171.6240, 3.6364,
0.3298

■ 145.5110,
-58.9189, -2.2021

■ 174.4590, 10.6197,
0.4745

■ 142.6760,
-65.9023, -2.3469

■ 177.2940, 17.6031,
0.6192

■ 141.0520,
-69.5386, -2.6766

■ 180.1290, 24.5864,
0.7639

■ 182.9640, 31.5697,
0.9086

■ 185.0720, 34.4745,
2.5679

Harmonies

Analogous

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



163.1020, -28.1513, 22.7125



159.9850, -24.1496, -0.8638



156.0940, -12.8643, -27.2694

Triad

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



159.9850, -24.1496, -0.8638



150.0900, 30.0286, -64.9769



168.2040, 0.8854, 42.7941

Complementary

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



159.9850, -24.1496, -0.8638



121.0150, 24.1496, 0.8638

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.



168.9380, 14.3276, 24.6104



159.9850, -24.1496, -0.8638



159.4940, 30.8155, -37.2672

Square

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



159.9850, -24.1496, -0.8638



146.5270, 20.4462, -71.4992



166.2100, 25.0395, -4.5692



166.9800, -12.8081, 48.2525

Rectangle

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



159.9850, -24.1496, -0.8638



152.4430, -2.1904, -44.2385



166.2100, 25.0395, -4.5692



168.4360, 5.7011, 38.2056

Sweetspot

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



159.9850, -24.1496, -0.8638



218.2960, -9.0199, -0.2596



135.0980, -11.8803, 30.6091



109.9200, -5.3836, 0.0702



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.



159.9850, -24.1496, -0.8638



206.0160, -37.9689, -1.7680



151.3140, -19.8748, -18.6924



82.7890, -3.3470, 0.1850



122.7560, -60.5187, -2.4170



16.8230, -8.2937, 0.1552

Inverse Universe

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



121.0150, 24.1496, 0.8638



144.6850, 38.1163, 1.1533



129.6860, 19.8748, 18.6924



77.2110, 3.3470, -0.1850



25.2440, 60.5187, 2.4170



3.4760, 8.1463, 0.4595

Previews

White Background



This preview shows how the YUV color 159.9850, -24.1496, -0.8638 looks on a white background.

Color Contrast Check

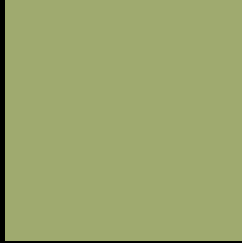
Large Text (above 18pt) WCAG AA × Fail

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 159.9850, -24.1496, -0.8638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

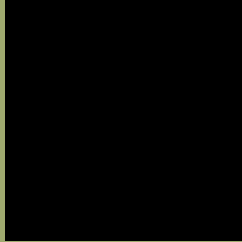
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.9850, -24.1496, -0.8638

Background



This preview shows how black text looks on a background with the YUV color 159.9850, -24.1496, -0.8638.



This preview shows how white text looks on a background with the YUV color 159.9850, -24.1496, -0.8638.

-0.8638.

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

159.9850, -24.1496, -0.8638

Protanopia

161.9160, -26.0876, 14.1057

Deuteranopia

163.7590, -24.5312, 28.2754



Tritanopia

164.9770, 4.9413, 1.7742

Trichromacy



Original Color

159.9850, -24.1496, -0.8638

Protanomaly

161.1110, -25.1977, 8.6727

Deuteranomaly

162.6930, -24.4986, 17.8092

Tritanomaly

163.2190, -5.5310, 0.6849

Monochromacy



Original Color

159.9850, -24.1496, -0.8638

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

160.2960, -9.0199, -0.2596

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.9850, -24.1496, -0.8638 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(159, 170, 111)` looks like.

```
.text, #text, p{  
    color:rgb(159, 170, 111)  
}
```

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(159, 170, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 170, 111) }
```

Border

The CSS property to change the border of an element to YUV 159.9850, -24.1496, -0.8638 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(159, 170, 111) }
```


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

```
.border{ border-color:rgb(159, 170, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 170, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 170, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 170, 111);  
box-shadow:4px 4px 4px 4px rgb(159, 170,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 159.9850, -24.1496, -0.8638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 170, 111) }
```

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

```
.background{ background-color: rgb(159,  
170, 111) }
```

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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