

Converting Colors

YUV(159.3850, -37.6578,
-8.2306)

Have a look what the booklet for
YUV(159.3850, -37.6578, -8.2306)
contains.

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Color

**YUV(159.3850, -37.6578,
-8.2306)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 96B353 |
| RGB | 150, 179, 83 |
| RGB Percent | 59%, 70%, 33% |
| CMY | 0.4118, 0.2980, 0.6745 |
| CMYK | 0.16, 0.00, 0.54, 0.30 |
| HSL | 78°, 39%, 51% |
| HSV | 78°, 54%, 70% |
| XYZ | 30.2591, 39.3488, 14.1839 |
| YIQ | 159.3850, 13.5320, -36.0040 |

Conversions

Conversions Part 2

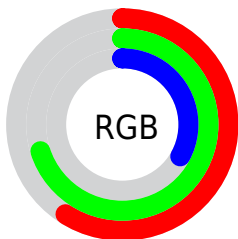
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 83, 179, 112 |
| Decimal | 9876307 |
| CIELab | 69.00, -24.98, 45.17 |
| CIELCh | 69, 51.620, 118.946 |
| Yxy | 39.3488, 0.3611, 0.4696 |
| Android (android.graphics.Color) | 4288066387 (0xFF96B353) |
| YUV | 159.3850, -37.6578, -8.2306 |
| Hunter-Lab | 62.7286, -23.6699, 30.5037 |

Details

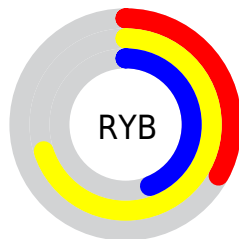
The YUV color **159.3850, -37.6578, -8.2306** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **102.6150, 37.6578, 8.2306**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.9290, -39.4050, -7.8307**, and **106.6130, -36.7842, -8.4306** is the 20% darker color. If you saturate the color by 10%, you get **155.8380, -44.7831, -9.5049**, and if you desaturate by 10%, it is **162.9320, -30.5325, -6.9564**.

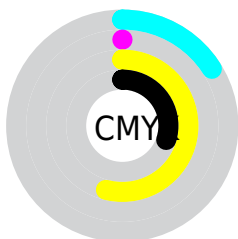
Distribution



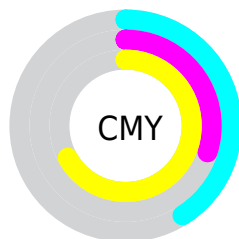
- Red (59%)
- Green (70%)
- Blue (33%)



- Red (33%)
- Yellow (70%)
- Blue (44%)



- Cyan (16%)
- Magenta (0%)
- Yellow (54%)
- Black (30%)



- Cyan (41%)
- Magenta (30%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.3850, -37.6578, -8.2306 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 159.3850, -37.6578, -8.2306 by changing the saturation by 10% instead.

■ 159.3850,
-37.6578, -8.2306

■ 159.3850,
-37.6578, -8.2306

■ 255.0000, 0.0000,
0.0000

■ 132.6130,
-36.7842, -8.4306

■ 214.9290,
-39.4050, -7.8307

■ 106.6130,
-36.7842, -8.4306

■ 238.4180,
-37.6741, -2.9976

■ 80.5160, -39.6944,
-8.3455

■ 247.5900,
-28.3919, 6.4986

■ 58.9530, -29.0638,
-11.3598

■ 250.7820,
-16.1615, 3.6992

■ 37.6780, -18.5753,
-15.5036

■ 254.0880, -3.4944,
0.7998

■ 19.3710, -9.5499,
-16.9884

■ 0.0000, 0.0000,

0.0000

■ 159.3850,
-37.6578, -8.2306

■ 159.3850,
-37.6578, -8.2306

■ 155.8380,
-44.7831, -9.5049

■ 162.9320,
-30.5325, -6.9564

■ 151.9920,
-51.7611, -11.3940

■ 166.7780,
-23.5546, -5.0673

■ 148.4450,
-58.8864, -12.6683

■ 170.3250,
-16.4292, -3.7930

■ 144.5990,
-65.8643, -14.5573

■ 174.1710, -9.4513,
-1.9040

■ 142.4480,
-70.2269, -15.3019

■ 177.6040, -2.7628,
-0.5297

■ 181.1510, 4.3626,
0.7446

■ 184.9970, 11.3405,
2.6336

■ 188.5440, 18.4658,
3.9079

■ 192.3900, 25.4437,
5.7970

Harmonies

Analogous

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



163.8520, -45.7760, 29.0708



159.3850, -37.6578, -8.2306



150.7180, -16.1300, -53.2497

Triad

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



159.3850, -37.6578, -8.2306



137.4540, 54.4992, -120.5472



170.6790, 0.6513, 71.3185

Complementary

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



159.3850, -37.6578, -8.2306



102.6150, 37.6578, 8.2306

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.



173.3070, 21.5406, 44.4578



159.3850, -37.6578, -8.2306



153.6330, 49.9739, -68.9611

Square

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



159.3850, -37.6578, -8.2306



136.2850, 37.3275, -119.5219



170.8910, 39.0007, -2.5354



168.3810, -20.8938, 75.0879

Rectangle

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



159.3850, -37.6578, -8.2306



129.1030, 9.8092, -113.2233



170.8910, 39.0007, -2.5354



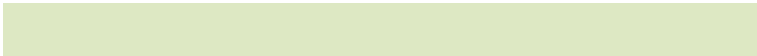
171.8830, 7.9457, 65.0006

Sweetspot

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



159.3850, -37.6578, -8.2306



224.4930, -14.5400, -3.0634



128.7270, -22.5434, 44.0894



112.6980, -8.7251, -1.4891



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



159.3850, -37.6578, -8.2306



201.6730, -58.0128, -12.8682



145.0330, -30.5823, -37.7399



87.3760, -3.6364, -0.3298



121.8040, -60.0494, -12.9831



20.6440, -10.1775, -2.3188

Inverse Universe

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



102.6150, 37.6578, 8.2306



114.0280, 58.1602, 12.2534



116.9670, 30.5823, 37.7399



81.9230, 3.4890, 0.9445



31.1960, 60.0494, 12.9831



5.3560, 10.1775, 2.3188

Previews

White Background



This preview shows how the YUV color 159.3850, -37.6578, -8.2306 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 159.3850, -37.6578, -8.2306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

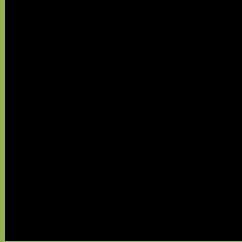
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.3850, -37.6578, -8.2306

Background



This preview shows how black text looks on a background with the YUV color 159.3850, -37.6578, -8.2306.



This preview shows how white text looks on a background with the YUV color 159.3850, -37.6578, -8.2306.

-8.2306.

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

159.3850, -37.6578, -8.2306

Protanopia

163.3500, -41.0915, 19.8641

Deuteranopia

165.5460, -38.2302, 35.4782



Tritanopia

167.8020, 6.9996, -5.0884

Trichromacy



Original Color

159.3850, -37.6578, -8.2306

Protanomaly

161.9250, -39.8960, 9.7128

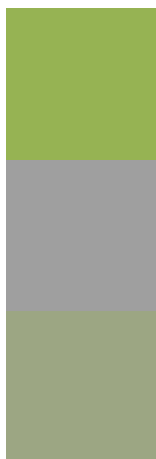
Deuteranomaly

163.4470, -38.1814, 19.7790

Tritanomaly

164.8500, -9.2930, -6.0074

Monochromacy



Original Color

159.3850, -37.6578, -8.2306

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.0200, -13.8139, -2.6485

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.3850, -37.6578, -8.2306 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(150, 179, 83)` looks like.

```
.text, #text, p{  
    color:rgb(150, 179, 83)  
}
```

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(150, 179, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 179, 83) }
```

Border

The CSS property to change the border of an element to YUV 159.3850, -37.6578, -8.2306 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(150, 179, 83) }
```


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

```
.border{ border-color:rgb(150, 179, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 179, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 179, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 179, 83);  
box-shadow:4px 4px 4px 4px rgb(150, 179,  
83) }
```

Background

The CSS property to change the background color of an element to YUV 159.3850, -37.6578, -8.2306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 179, 83) }
```

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

```
.background{ background-color: rgb(150,  
179, 83) }
```

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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