

Converting Colors

YUV(157.3350, -25.3082,
-49.4058)

Have a look what the booklet for
YUV(157.3350, -25.3082, -49.4058)
contains.

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Color

**YUV(157.3350, -25.3082,
-49.4058)**

Conversions

Conversions Part 1

Format	Color
Hex	65C46A
RGB	101, 196, 106
RGB Percent	40%, 77%, 42%
CMY	0.6039, 0.2314, 0.5843
CMYK	0.48, 0.00, 0.46, 0.23
HSL	123°, 45%, 58%
HSV	123°, 48%, 77%
XYZ	27.7083, 43.2872, 20.5306
YIQ	157.3350, -27.7300, -48.1300

Conversions

Conversions Part 2

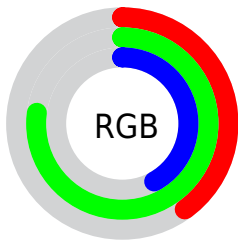
Format	Color
RYB	101, 191, 196
Decimal	6669418
CIELab	71.75, -46.70, 36.61
CIElCh	72, 59.335, 141.907
Yxy	43.2872, 0.3027, 0.4729
Android (android.graphics.Color)	4284859498 (0xFF65C46A)
YUV	157.3350, -25.3082, -49.4058
Hunter-Lab	65.7930, -39.9636, 27.5538

Details

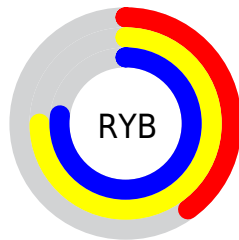
The YUV color **157.3350, -25.3082, -49.4058** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **139.6650, 25.3082, 49.4058**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.5800, -26.9079, -49.6207**, and **101.4100, -22.3871, -52.9796** is the 20% darker color. If you saturate the color by 10%, you get **149.1890, -30.6592, -59.8018**, and if you desaturate by 10%, it is **165.4810, -19.9571, -39.0098**.

Distribution



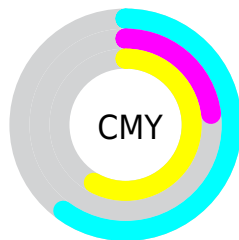
- Red (40%)
- Green (77%)
- Blue (42%)



- Red (40%)
- Yellow (75%)
- Blue (77%)



- Cyan (48%)
- Magenta (0%)
- Yellow (46%)
- Black (23%)



- Cyan (60%)
- Magenta (23%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.3350, -25.3082, -49.4058 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 157.3350, -25.3082, -49.4058 by changing the saturation by 10% instead.

■ 157.3350,
-25.3082, -49.4058

■ 157.3350,
-25.3082, -49.4058

■ 255.0000, 0.0000,
0.0000

■ 129.3780,
-23.8504, -50.3205

■ 213.5800,
-26.9079, -49.6207

■ 101.4100,
-22.3871, -52.9796

■ 226.5030,
-19.9680, -35.5211

■ 71.1530, -19.3024,
-62.4012

■ 238.3660,
-12.0124, -20.4920

■ 53.2860, -24.2980,
-46.7318

■ 250.6420, -3.7675,
-4.9480

■ 38.1550, -18.8104,
-33.4619

■ 25.8280, -12.7332,
-22.6512

■ 7.0440, -3.4727,

-6.1776

■ 0.0000, 0.0000,
0.0000

■ 157.3350,
-25.3082, -49.4058

■ 157.3350,
-25.3082, -49.4058

■ 149.1890,
-30.6592, -59.8018

■ 165.4810,
-19.9571, -39.0098

■ 141.4560,
-35.7208, -69.6829

■ 173.2140,
-14.8955, -29.1287

■ 133.3100,
-41.0718, -80.0789


■ 181.3600, -9.5445,
-18.7327


■ 125.5770,
-46.1335, -89.9600


■ 189.0930, -4.4828,
-8.8516

■ 117.4310,
-51.4845, -100.3560

■ 197.2390, 0.8682,
1.5444

 116.1920,
-52.3527, -101.9004

 205.2710, 5.7824,
12.0403

 213.1180, 11.2808,
21.8215

 220.3670, 17.0741,
30.3731

Harmonies

Analogous

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



166.3940, -48.0152, 0.5315



157.3350, -25.3082, -49.4058



136.7000, 10.9939, -119.8859

Triad

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



157.3350, -25.3082, -49.4058



138.2520, 57.5568, -121.2470



168.2870, -14.9315, 76.0473

Complementary

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



157.3350, -25.3082, -49.4058



139.6650, 25.3082, 49.4058

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.



173.9700, 9.3818, 71.0633



157.3350, -25.3082, -49.4058



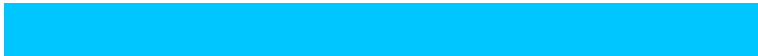
172.8460, 40.5019, -17.4049

Square

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



157.3350, -25.3082, -49.4058



145.2960, 54.0841, -127.4246



180.9890, 30.5714, 41.2286



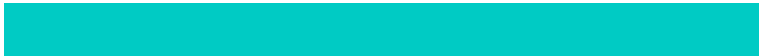
173.0220, -39.9438, 71.8947

Rectangle

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



157.3350, -25.3082, -49.4058



141.5050, 26.8660, -124.0999



180.9890, 30.5714, 41.2286



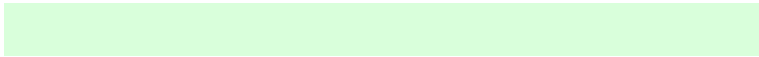
169.1650, -6.4903, 75.2773

Sweetspot

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



157.3350, -25.3082, -49.4058



239.5340, -10.1233, -19.7623



183.6750, -40.7588, 6.4240



118.6150, -6.2192, -11.9404



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



157.3350, -25.3082, -49.4058



194.7880, -39.3355, -76.9901



162.6930, -4.7786, -54.1048



92.9840, -2.4571, -5.2480



95.4190, -43.0976, -83.6825



19.5990, -8.6763, -17.1883

Inverse Universe

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



139.6650, 25.3082, 49.4058



167.2120, 39.3355, 76.9901



134.3070, 4.7786, 54.1048



91.0160, 2.4571, 5.2480



65.4670, 42.6608, 83.7824



13.4010, 8.6763, 17.1883

Previews

White Background



This preview shows how the YUV color 157.3350, -25.3082, -49.4058 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 157.3350, -25.3082, -49.4058 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 157.3350, -25.3082, -49.4058 Background



This preview shows how black text looks on a background with the YUV color 157.3350, -25.3082, -49.4058.



This preview shows how white text looks on a background with the YUV color 157.3350, -25.3082, -49.4058.

-49.4058.

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

157.3350, -25.3082, -49.4058

Protanopia

171.3050, -36.1394, 18.1495

Deuteranopia

173.7010, -29.9256, 31.8342



Tritanopia

167.5740, 15.9860, -40.8454

Trichromacy



Original Color

157.3350, -25.3082, -49.4058

Protanomaly

166.4760, -32.2797, -6.5565

Deuteranomaly

167.8560, -28.5230, 1.8803

Tritanomaly

163.9530, 1.0092, -43.8088

Monochromacy



Original Color

157.3350, -25.3082, -49.4058

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

157.0720, -9.4025, -17.6031

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.3350, -25.3082, -49.4058 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(101, 196, 106)` looks like.

```
.text, #text, p{  
    color:rgb(101, 196, 106)  
}
```

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(101, 196, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 196, 106) }
```

Border

The CSS property to change the border of an element to YUV 157.3350, -25.3082, -49.4058 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(101, 196, 106) }
```


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

```
.border{ border-color:rgb(101, 196, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 196, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 196, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 196, 106);  
box-shadow:4px 4px 4px 4px rgb(101, 196,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 157.3350, -25.3082, -49.4058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 196, 106) }
```

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

```
.background{ background-color: rgb(101,  
196, 106) }
```

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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