

Converting Colors

YUV(149.6350, -10.1731,
-50.5459)

Have a look what the booklet for
YUV(149.6350, -10.1731, -50.5459)
contains.

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Color

**YUV(149.6350, -10.1731,
-50.5459)**

Conversions

Conversions Part 1

Format	Color
Hex	5CB781
RGB	92, 183, 129
RGB Percent	36%, 72%, 51%
CMY	0.6392, 0.2824, 0.4941
CMYK	0.50, 0.00, 0.30, 0.28
HSL	144°, 39%, 54%
HSV	144°, 50%, 72%
XYZ	25.3096, 37.7273, 26.7170
YIQ	149.6350, -36.9020, -36.0860

Conversions

Conversions Part 2

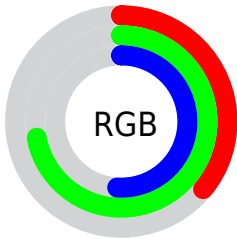
Format	Color
RYB	92, 157, 183
Decimal	6076289
CIELab	67.82, -39.61, 19.31
CIELCh	68, 44.067, 154.018
Yxy	37.7273, 0.2820, 0.4203
Android (android.graphics.Color)	4284266369 (0xFF5CB781)
YUV	149.6350, -10.1731, -50.5459
Hunter-Lab	61.4225, -33.9373, 17.2063

Details

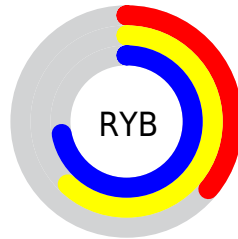
The YUV color **149.6350, -10.1731, -50.5459** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **125.3650, 10.1731, 50.5459**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.5810, -11.6254, -51.3755**, and **94.5960, -7.6888, -54.0197** is the 20% darker color. If you saturate the color by 10%, you get **142.9990, -12.3245, -60.5121**, and if you desaturate by 10%, it is **156.2710, -8.0216, -40.5797**.

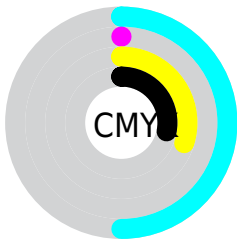
Distribution



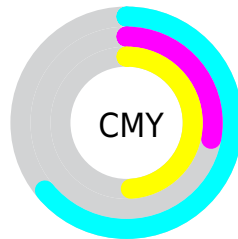
- Red (36%)
- Green (72%)
- Blue (51%)



- Red (36%)
- Yellow (62%)
- Blue (72%)



- Cyan (50%)
- Magenta (0%)
- Yellow (30%)
- Black (28%)



- Cyan (64%)
- Magenta (28%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.6350, -10.1731, -50.5459 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 149.6350, -10.1731, -50.5459 by changing the saturation by 10% instead.

■ 149.6350,
-10.1731, -50.5459

■ 149.6350,
-10.1731, -50.5459

■ 255.0000, 0.0000,
0.0000

■ 122.5640, -9.1521,
-51.3606

■ 205.5810,
-11.6254, -51.3755

■ 94.5960, -7.6888,
-54.0197

■ 226.2490, -8.0108,
-44.0684

■ 67.4320, -5.6360,
-59.1379

■ 237.8130, 0.0922,
-29.6540

■ 50.2490, -8.0108,
-44.0684

■ 248.4220, 3.2430,
-13.5251

■ 33.7670, -10.2381,
-29.6137

■ 19.9580, -9.8393,
-17.5032

■ 0.0000, 0.0000,

0.0000

■ 149.6350,
-10.1731, -50.5459

■ 149.6350,
-10.1731, -50.5459

■ 142.9990,
-12.3245, -60.5121

■ 156.2710, -8.0216,
-40.5797

■ 136.0640,
-14.3286, -71.0931

■ 163.2060, -6.0176,
-29.9987

■ 129.4280,
-16.4800, -81.0594

■ 169.8420, -3.8661,
-20.0324

■ 122.9060,
-18.1947, -91.1256

■ 176.3640, -2.1515,
-9.9662

■ 116.2700,
-20.3461, -101.0918

■ 183.2990, -0.1474,
0.6148

■ 115.8570,
-20.6355, -101.6066

■ 189.9350, 2.0040,
10.5810

■ 196.5710, 4.1555,
20.5472

■ 203.2070, 6.3069,
30.5135

■ 209.5440, 8.6058,
39.8649

Harmonies

Analogous

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



157.1270, -29.6426, -12.3894



149.6350, -10.1731, -50.5459



128.4480, 19.9921, -112.6489

Triad

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



149.6350, -10.1731, -50.5459



159.6210, 41.5988, -42.6406



166.1900, -21.2927, 62.9774

Complementary

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



149.6350, -10.1731, -50.5459



125.3650, 10.1731, 50.5459

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.



168.1850, -3.5422, 62.9818



149.6350, -10.1731, -50.5459



168.7690, 30.6799, 6.3416

Square

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



149.6350, -10.1731, -50.5459



131.9770, 51.2833, -115.7438



169.9880, 15.2889, 42.9835



164.5350, -34.7738, 46.8888

Rectangle

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



149.6350, -10.1731, -50.5459



131.5260, 31.7857, -115.3483



169.9880, 15.2889, 42.9835



166.6940, -15.6251, 65.1664

Sweetspot

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



149.6350, -10.1731, -50.5459



224.1410, -4.0135, -19.4177



161.8620, -34.4420, -13.0340



111.9400, -2.4354, -12.2254



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



149.6350, -10.1731, -50.5459



184.9660, -15.7592, -78.9002



154.7650, 9.4829, -55.0449



88.6250, -1.2941, -4.9331



98.7540, -17.6267, -86.6073



17.6900, -3.2982, -15.5141

Inverse Universe

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



125.3650, 10.1731, 50.5459



147.0340, 15.7592, 78.9002



120.2350, -9.4829, 55.0449



86.2610, 0.8573, 5.0331



57.1320, 17.1899, 86.7072



10.3100, 3.2982, 15.5141

Previews

White Background



This preview shows how the YUV color 149.6350, -10.1731, -50.5459 looks on a white background.

Color Contrast Check

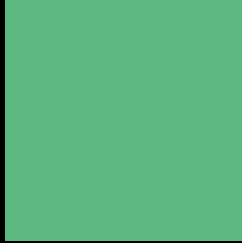
Large Text (above 18pt) WCAG AA × Fail

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 149.6350, -10.1731, -50.5459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

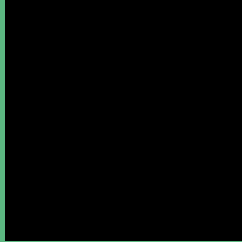
Any Text WCAG AA ✓ Pass

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 149.6350, -10.1731, -50.5459 Background



This preview shows how black text looks on a background with the YUV color 149.6350, -10.1731, -50.5459.



This preview shows how white text looks on a background with the YUV color 149.6350, -10.1731, -50.5459.

-50.5459.

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

149.6350, -10.1731, -50.5459

Protanopia

162.5720, -20.9880, 11.7764

Deuteranopia

164.9460, -14.7634, 21.9724



Tritanopia

156.5630, 15.9914, -42.5898

Trichromacy



Original Color

149.6350, -10.1731, -50.5459

Protanomaly

157.7540, -17.1337, -11.1853

Deuteranomaly

159.2370, -12.9348, -4.5928

Tritanomaly

154.0220, 6.3982, -45.6233

Monochromacy



Original Color

149.6350, -10.1731, -50.5459

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

149.8530, -3.8715, -18.2881

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.6350, -10.1731, -50.5459 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(92, 183, 129)` looks like.

```
.text, #text, p{  
    color:rgb(92, 183, 129)  
}
```

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(92, 183, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 183, 129) }
```

Border

The CSS property to change the border of an element to YUV 149.6350, -10.1731, -50.5459 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(92, 183, 129) }
```


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

```
.border{ border-color:rgb(92, 183, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 183, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 183, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 183, 129);  
box-shadow:4px 4px 4px 4px rgb(92, 183,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 149.6350, -10.1731, -50.5459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 183, 129) }
```

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

```
.background{ background-color: rgb(92, 183,  
129) }
```

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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