

Converting Colors

YUV(163.5120, -17.0144,
-49.5610)

Have a look what the booklet for
YUV(163.5120, -17.0144, -49.5610)
contains.

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Color

**YUV(163.5120, -17.0144,
-49.5610)**

Conversions

Conversions Part 1

Format	Color
Hex	6BC781
RGB	107, 199, 129
RGB Percent	42%, 78%, 51%
CMY	0.5804, 0.2196, 0.4941
CMYK	0.46, 0.00, 0.35, 0.22
HSL	134°, 45%, 60%
HSV	134°, 46%, 78%
XYZ	30.4493, 45.5576, 27.9575
YIQ	163.5120, -32.3620, -41.2740

Conversions

Conversions Part 2

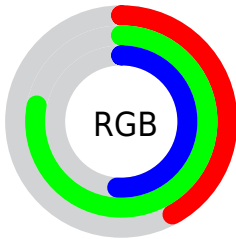
Format	Color
RYB	107, 181, 199
Decimal	7063425
CIELab	73.26, -42.61, 26.77
CIELCh	73, 50.321, 147.856
Yxy	45.5576, 0.2929, 0.4382
Android (android.graphics.Color)	4285253505 (0xFF6BC781)
YUV	163.5120, -17.0144, -49.5610
Hunter-Lab	67.4964, -37.5930, 22.6891

Details

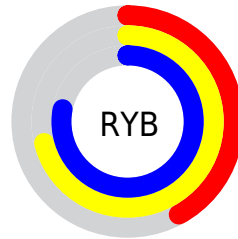
The YUV color **163.5120, -17.0144, -49.5610** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **142.4880, 17.0144, 49.5610**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.1700, -18.3248, -49.2611**, and **108.4840, -14.5356, -51.2905** is the 20% darker color. If you saturate the color by 10%, you get **155.8220, -20.6182, -60.3569**, and if you desaturate by 10%, it is **171.2020, -13.4106, -38.7652**.

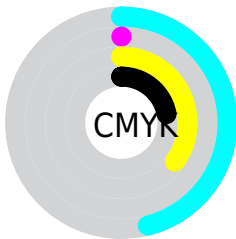
Distribution



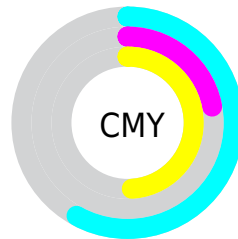
- Red (42%)
- Green (78%)
- Blue (51%)



- Red (42%)
- Yellow (71%)
- Blue (78%)



- Cyan (46%)
- Magenta (0%)
- Yellow (35%)
- Black (22%)



- Cyan (58%)
- Magenta (22%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.5120, -17.0144, -49.5610 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 163.5120, -17.0144, -49.5610 by changing the saturation by 10% instead.

■ 163.5120,
-17.0144, -49.5610

■ 163.5120,
-17.0144, -49.5610

255.0000, 0.0000,
0.0000

■ 135.8540,
-15.7040, -49.8610

■ 219.1700,
-18.3248, -49.2611

■ 108.4840,
-14.5356, -51.2905

■ 230.7340,
-10.2219, -34.8467

■ 78.8250, -11.7457,
-59.4825

■ 242.7110, -1.8295,
-19.9175

■ 58.2390, -12.9358,
-51.0756

■ 253.5050, 0.7370,
-3.0739

■ 40.9420, -15.7474,
-35.9061

■ 26.4150, -13.0226,
-23.1660

■ 11.7400, -5.7878,

-10.2960

■ 0.0000, 0.0000,
0.0000

■ 163.5120,
-17.0144, -49.5610

■ 163.5120,
-17.0144, -49.5610

■ 155.8220,
-20.6182, -60.3569

■ 171.2020,
-13.4106, -38.7652

■ 148.1320,
-24.2221, -71.1528

■ 178.8920, -9.8068,
-27.9693

■ 140.4420,
-27.8259, -81.9486


■ 186.5820, -6.2029,
-17.1734

■ 132.6380,
-31.8665, -92.6445


■ 194.3860, -2.1623,
-6.4775

■ 125.2470,
-35.6178, -102.8256

■ 202.0760, 1.4415,
4.3183

 122.2850,
-36.6225, -107.2439

 209.4670, 5.1928,
14.4994

 217.1570, 8.7966,
25.2953

 221.5580, 14.0219,
29.3286

 222.1280, 16.2059,
28.8287

Harmonies

Analogous

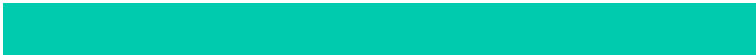
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



171.3960, -37.6632, -6.4863



163.5120, -17.0144, -49.5610



139.1110, 17.6933, -122.0003

Triad

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



163.5120, -17.0144, -49.5610



165.4610, 44.1427, -65.3023



177.2060, -18.8356, 68.2253

Complementary

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



163.5120, -17.0144, -49.5610



142.4880, 17.0144, 49.5610

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.



180.6890, 2.1253, 65.1707



163.5120, -17.0144, -49.5610



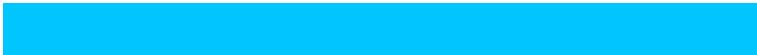
181.4950, 36.2380, -3.0651

Square

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



163.5120, -17.0144, -49.5610



144.7090, 54.3735, -126.9098



185.4100, 21.9829, 42.6134



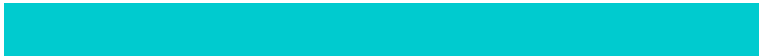
178.6290, -37.2851, 59.0844

Rectangle

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



163.5120, -17.0144, -49.5610



142.7590, 31.6708, -125.1996



185.4100, 21.9829, 42.6134



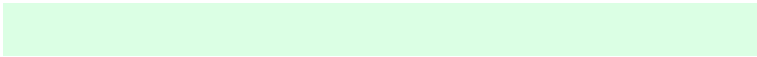
177.7420, -11.7048, 67.7553

Sweetspot

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



163.5120, -17.0144, -49.5610



241.1580, -6.4869, -19.4326



182.2330, -37.0899, -3.7123



119.4840, -4.1826, -11.8255



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.



163.5120, -17.0144, -49.5610



200.9420, -26.1004, -75.3711



168.6420, 2.6415, -54.0600



95.5110, -1.7309, -4.8331



100.1270, -30.1356, -87.8114



22.1580, -6.4869, -19.4326

Inverse Universe

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



142.4880, 17.0144, 49.5610



168.9440, 25.6636, 75.4711



137.3580, -2.6415, 54.0600



93.4890, 1.7309, 4.8331



62.8730, 30.1356, 87.8114



13.8420, 6.4869, 19.4326

Previews

White Background



This preview shows how the YUV color 163.5120, -17.0144, -49.5610 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 163.5120, -17.0144, -49.5610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

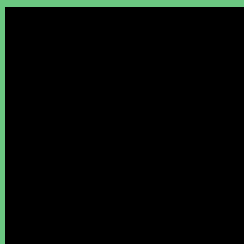
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

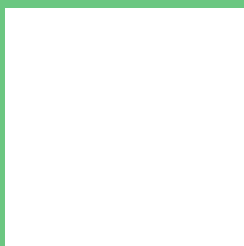
Any Text WCAG AAA ✓ Pass

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

YUV 163.5120, -17.0144, -49.5610 Background



This preview shows how black text looks on a background with the YUV color 163.5120, -17.0144, -49.5610.



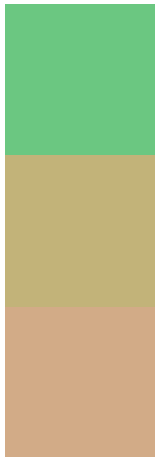
This preview shows how white text looks on a background with the YUV color 163.5120, -17.0144, -49.5610.

-49.5610.

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

163.5120, -17.0144, -49.5610

Protanopia

176.8730, -27.5454, 15.0204

Deuteranopia

178.5570, -21.4736, 27.5755



Tritanopia

171.9760, 16.2808, -42.0750

Trichromacy



Original Color

163.5120, -17.0144, -49.5610



Protanomaly

171.7560, -23.5437, -8.5560



Deuteranomaly

173.1360, -19.7870, -0.1193



Tritanomaly

168.7510, 4.0668, -44.5086

Monochromacy



Original Color

163.5120, -17.0144, -49.5610



Achromatopsia

164.0000, 0.0000, 0.0000



Achromatomaly

163.8700, -6.3449, -18.3030

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.5120, -17.0144, -49.5610 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(107, 199, 129)` looks like.

```
.text, #text, p{  
    color:rgb(107, 199, 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(107, 199, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 199, 129) }
```

Border

The CSS property to change the border of an element to YUV 163.5120, -17.0144, -49.5610 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(107, 199, 129) }
```


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

```
.border{ border-color:rgb(107, 199, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 199, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 199, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 199, 129);  
box-shadow:4px 4px 4px 4px rgb(107, 199,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 163.5120, -17.0144, -49.5610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 199, 129) }
```

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

```
.background{ background-color: rgb(107,  
199, 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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