

Converting Colors

YUV(122.7530, -19.5982,
-107.6544)

Have a look what the booklet for
YUV(122.7530, -19.5982, -107.6544)
contains.

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Color

**YUV(122.7530, -19.5982,
-107.6544)**

Conversions

Conversions Part 1

Format	Color
Hex	00C153
RGB	0, 193, 83
RGB Percent	0%, 76%, 33%
CMY	1.0000, 0.2431, 0.6745
CMYK	1.00, 0.00, 0.57, 0.24
HSL	146°, 100%, 38%
HSV	146°, 100%, 76%
XYZ	20.6313, 38.7645, 14.5785
YIQ	122.7530, -79.7180, -75.1260

Conversions

Conversions Part 2

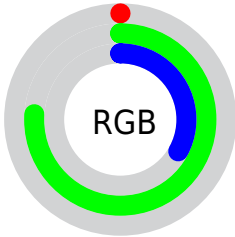
Format	Color
RYB	0, 135, 193
Decimal	49491
CIELab	68.58, -64.08, 43.51
CIELCh	69, 77.455, 145.822
Yxy	38.7645, 0.2789, 0.5240
Android (android.graphics.Color)	4278239571 (0xFF00C153)
YUV	122.7530, -19.5982, -107.6544
Hunter-Lab	62.2611, -49.8079, 29.6999

Details

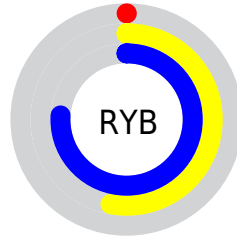
The YUV color **122.7530, -19.5982, -107.6544** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **70.2470, 19.5982, 107.6544**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.3280, -28.2627, -81.8487**, and **84.5400, -26.3952, -74.1416** is the 20% darker color. If you saturate the color by 10%, you get **122.7530, -19.5982, -107.6544**, and if you desaturate by 10%, it is **129.6880, -17.5942, -97.0734**.

Distribution



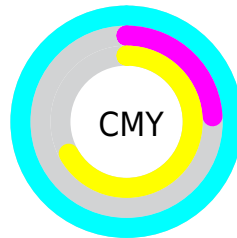
- Red (0%)
- Green (76%)
- Blue (33%)



- Red (0%)
- Yellow (53%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (57%)
- Black (24%)



- Cyan (100%)
- Magenta (24%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.7530, -19.5982, -107.6544 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 122.7530, -19.5982, -107.6544 by changing the saturation by 10% instead.

■ 122.7530,
-19.5982, -107.6544

■ 122.7530,
-19.5982, -107.6544

255.0000, 0.0000,
0.0000

■ 103.3530,
-22.8520, -90.6406

■ 192.3280,
-28.2627, -81.8487

■ 84.5400, -26.3952,
-74.1416

■ 207.3220,
-22.3437, -66.9344

■ 65.1570, -32.1224,
-57.1427

■ 219.7830,
-14.6830, -50.6757

■ 49.8950, -24.5982,
-43.7579

■ 232.2440, -7.0223,
-34.4170

■ 35.2200, -17.3635,
-30.8879

■ 244.5200, 1.2226,
-18.8730

■ 21.1320, -10.4181,
-18.5328

254.7010, 0.1474,

■ 0.0000, 0.0000,

-0.6148

0.0000

■ 122.7530,
-19.5982, -107.6544

■ 129.6880,
-17.5942, -97.0734

■ 136.9220,
-15.7375, -85.8776

■ 143.8570,
-13.7335, -75.2966

■ 150.7920,
-11.7295, -64.7156

■ 158.0260, -9.8728,
-53.5198

■ 164.9610, -7.8688,
-42.9388

■ 171.8960, -5.8647,
-32.3578

■ 178.8310, -3.8607,
-21.7768

■ 186.0650, -2.0040,
-10.5810

Harmonies

Analogous

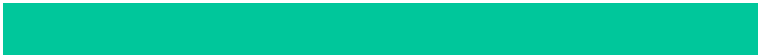
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



148.4060, -73.1642, -6.4951



122.7530, -19.5982, -107.6544



134.4830, 10.1149, -117.9416

Triad

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



122.7530, -19.5982, -107.6544



134.1430, 59.5825, -117.6434



148.7730, -18.6221, 93.1611

Complementary

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



122.7530, -19.5982, -107.6544



70.2470, 19.5982, 107.6544

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.



151.9430, 13.8321, 90.3810



122.7530, -19.5982, -107.6544



162.2360, 45.7327, -15.1160

Square

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



122.7530, -19.5982, -107.6544



142.3610, 55.5310, -124.8506



170.3690, 37.7791, 62.8204



159.0870, -55.2589, 84.1157

Rectangle

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



122.7530, -19.5982, -107.6544



140.0690, 31.5180, -122.8405



170.3690, 37.7791, 62.8204



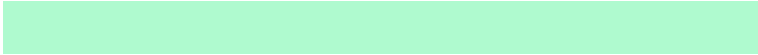
147.1720, -6.9868, 94.5652

Sweetspot

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



122.7530, -19.5982, -107.6544



222.6730, -7.7268, -41.8092



147.0780, -72.5095, -29.8864



108.5810, -4.7234, -25.0655



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



122.7530, -19.5982, -107.6544



158.9480, -25.6104, -139.3974



133.4690, 21.4608, -117.0523



93.3260, -1.1467, -5.5479



102.3730, -16.4529, -89.7811



20.9670, -3.4347, -18.3881

Inverse Universe

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



70.2470, 19.5982, 107.6544



90.9380, 25.1736, 139.4974



59.5310, -21.4608, 117.0523



90.6740, 1.1467, 5.5479



58.6270, 16.4529, 89.7811



12.0330, 3.4347, 18.3881

Previews

White Background



This preview shows how the YUV color 122.7530, -19.5982, -107.6544 looks on a white background.

Color Contrast Check

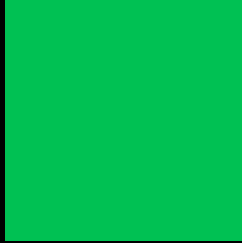
Large Text (above 18pt) WCAG AA × Fail

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 122.7530, -19.5982, -107.6544 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 122.7530, -19.5982, -107.6544 Background



This preview shows how black text looks on a background with the YUV color 122.7530, -19.5982, -107.6544.



This preview shows how white text looks on a background with the YUV color 122.7530, -19.5982, -107.6544.

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



Protanopia

161.0080, -42.4019, 20.1640

Deuteranopia

164.0450, -35.0252, 34.1635

Tritanopia

151.3150, 22.0297, -66.0513

Trichromacy



Protanomaly

147.1870, -34.1092, -26.4740

Deuteranomaly

149.0940, -29.6263, -17.6224

Tritanomaly

140.6170, 7.0908, -81.2251

Monochromacy



Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.5100, -7.1534, -39.0353

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.7530, -19.5982, -107.6544 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(0, 193, 83)` looks like.

```
.text, #text, p{  
    color:rgb(0, 193, 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(0, 193, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 193, 83) }
```

Border

The CSS property to change the border of an element to YUV 122.7530, -19.5982, -107.6544 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(0, 193, 83) }
```

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

```
.border{ border-color:rgb(0, 193, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 193, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 193, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 193, 83);  
box-shadow:4px 4px 4px 4px rgb(0, 193, 83)  
}
```


Background

The CSS property to change the background color of an element to YUV 122.7530, -19.5982, -107.6544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 193, 83) }
```

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

```
.background{ background-color: rgb(0, 193,  
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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