

Converting Colors

YUV(150.0950, -18.2878,
-107.9543)

Have a look what the booklet for
YUV(150.0950, -18.2878, -107.9543)
contains.

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Color

**YUV(150.0950, -18.2878,
-107.9543)**

Conversions

Conversions Part 1

Format	Color
Hex	1BDC71
RGB	27, 220, 113
RGB Percent	11%, 86%, 44%
CMY	0.8941, 0.1373, 0.5569
CMYK	0.88, 0.00, 0.49, 0.14
HSL	147°, 78%, 48%
HSV	147°, 88%, 86%
XYZ	29.0258, 52.6117, 24.2480
YIQ	150.0950, -80.6810, -74.1930

Conversions

Conversions Part 2

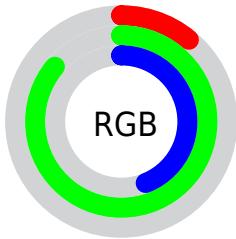
Format	Color
RYB	27, 161, 220
Decimal	1825905
CIELab	77.65, -66.94, 40.23
CIELCh	78, 78.095, 148.994
Yxy	52.6117, 0.2741, 0.4969
Android (android.graphics.Color)	4280015985 (0xFF1BDC71)
YUV	150.0950, -18.2878, -107.9543
Hunter-Lab	72.5339, -55.5041, 30.9531

Details

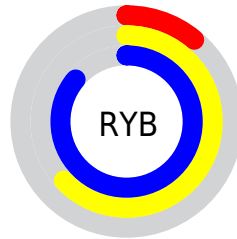
The YUV color **150.0950, -18.2878, -107.9543** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **96.9050, 18.2878, 107.9543**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.0970, -17.7958, -79.0151**, and **102.7490, -20.0893, -90.1109** is the 20% darker color. If you saturate the color by 10%, you get **142.1490, -20.2865, -120.2797**, and if you desaturate by 10%, it is **158.0410, -16.2892, -95.6290**.

Distribution



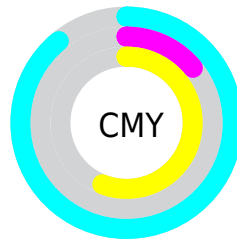
- Red (11%)
- Green (86%)
- Blue (44%)



- Red (11%)
- Yellow (63%)
- Blue (86%)



- Cyan (88%)
- Magenta (0%)
- Yellow (49%)
- Black (14%)



- Cyan (89%)
- Magenta (14%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.0950, -18.2878, -107.9543 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 150.0950, -18.2878, -107.9543 by changing the saturation by 10% instead.

■ 150.0950,
-18.2878, -107.9543

■ 150.0950,
-18.2878, -107.9543

■ 255.0000, 0.0000,
0.0000

■ 122.0350,
-17.2723, -107.0247

■ 202.0970,
-17.7958, -79.0151

■ 102.7490,
-20.0893, -90.1109

■ 215.1560,
-10.4299, -61.5268

■ 84.0500, -23.1956,
-73.7118

■ 227.6170, -2.7692,
-45.2681

■ 64.7810, -28.4860,
-56.8129

■ 240.1920, 5.3283,
-29.1094

■ 48.7210, -24.0195,
-42.7283

■ 249.9170, 2.5059,
-10.4512

■ 34.6330, -17.0741,
-30.3731

■ 19.9580, -9.8393,

-17.5032

■ 0.0000, 0.0000,
0.0000

■ 150.0950,
-18.2878, -107.9543

■ 150.0950,
-18.2878, -107.9543

■ 142.1490,
-20.2865, -120.2797

■ 158.0410,
-16.2892, -95.6290

■ 140.3120,
-20.8598, -123.0536

■ 165.9870,
-14.2906, -83.3036

■ 174.0470,
-11.8552, -71.0782

■ 181.9930, -9.8565,
-58.7529

■ 189.9390, -7.8579,
-46.4275

■ 197.8850, -5.8593,
-34.1021

■ 205.8310, -3.8607,
-21.7768

■ 213.8910, -1.4253,
-9.5514

■ 221.8370, 0.5734,
2.7740

Harmonies

Analogous

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



174.8100, -62.5173, -14.7424



150.0950, -18.2878, -107.9543



153.3930, 16.5683, -134.5257

Triad

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



150.0950, -18.2878, -107.9543



147.0570, 53.2159, -128.9690



166.9190, -20.1731, 77.2470

Complementary

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



150.0950, -18.2878, -107.9543



96.9050, 18.2878, 107.9543

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.



169.1430, 13.7335, 75.2966



150.0950, -18.2878, -107.9543



186.8220, 33.6118, -0.7209

Square

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



150.0950, -18.2878, -107.9543



157.0360, 48.2963, -137.7206



188.0820, 32.9906, 58.6871



176.8740, -55.6469, 68.5165

Rectangle

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



150.0950, -18.2878, -107.9543



159.6800, 38.1188, -140.0394



188.0820, 32.9906, 58.6871



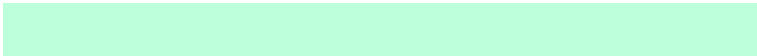
165.4320, -8.1010, 78.5511

Sweetspot

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



150.0950, -18.2878, -107.9543



231.0480, -6.4327, -36.8761



172.8820, -71.9198, -32.3455



113.5320, -3.7133, -22.3916



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.



150.0950, -18.2878, -107.9543



162.6810, -23.9997, -142.6712



160.8110, 22.7712, -117.3522



106.0270, -0.9993, -6.1627



110.3290, -16.4312, -96.7585



29.2820, -4.5760, -25.6803

Inverse Universe

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



96.9050, 18.2878, 107.9543



92.3190, 23.9997, 142.6712



86.1890, -22.7712, 117.3522



102.9730, 0.9993, 6.1627



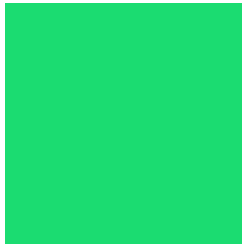
62.6710, 16.4312, 96.7585



16.6040, 4.1392, 25.7803

Previews

White Background



This preview shows how the YUV color 150.0950, -18.2878, -107.9543 looks on a white background.

Color Contrast Check

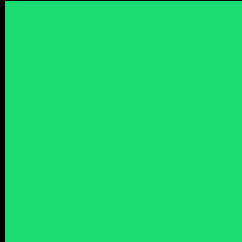
Large Text (above 18pt) WCAG AA × Fail

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 150.0950, -18.2878, -107.9543 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 150.0950, -18.2878, -107.9543 Background



This preview shows how black text looks on a background with the YUV color 150.0950, -18.2878, -107.9543.

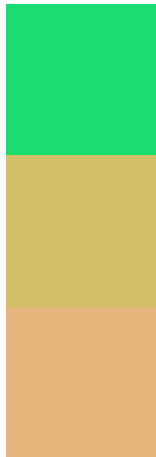


This preview shows how white text looks on a background with the YUV color 150.0950, -18.2878, -107.9543.

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

150.0950, -18.2878, -107.9543

Protanopia

185.6490, -41.2390, 20.4788

Deuteranopia

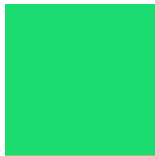
189.3270, -32.6992, 34.7932



Tritanopia

173.6450, 24.8250, -75.9877

Trichromacy



Original Color

150.0950, -18.2878, -107.9543



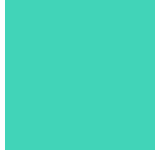
Protanomaly

172.8280, -32.9462, -26.1592



Deuteranomaly

175.2620, -27.7372, -16.8928



Tritanomaly

164.8550, 9.4385, -87.5728

Monochromacy



Original Color

150.0950, -18.2878, -107.9543



Achromatopsia

150.0000, 0.0000, 0.0000



Achromatomaly

149.7380, -6.2798, -39.2352

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.0950, -18.2878, -107.9543 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(27, 220, 113)` looks like.

```
.text, #text, p{  
    color:rgb(27, 220, 113)  
}
```

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(27, 220, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 220, 113) }
```

Border

The CSS property to change the border of an element to YUV 150.0950, -18.2878, -107.9543 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(27, 220, 113) }
```


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

```
.border{ border-color:rgb(27, 220, 113) }
```

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

Here you see how a box with a 4 pixel rgb(27, 220, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 220, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 220, 113);  
box-shadow:4px 4px 4px 4px rgb(27, 220,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 150.0950, -18.2878, -107.9543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 220, 113) }
```

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

```
.background{ background-color: rgb(27, 220,  
113) }
```

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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