

Converting Colors

YUV(150.4150, -50.4906,
-92.4490)

Have a look what the booklet for
YUV(150.4150, -50.4906, -92.4490)
contains.

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Color

**YUV(150.4150, -50.4906,
-92.4490)**

Conversions

Conversions Part 1

Format	Color
Hex	2DE030
RGB	45, 224, 48
RGB Percent	18%, 88%, 19%
CMY	0.8235, 0.1216, 0.8118
CMYK	0.80, 0.00, 0.79, 0.12
HSL	121°, 74%, 53%
HSV	121°, 80%, 88%
XYZ	28.2713, 54.0826, 11.7452
YIQ	150.4150, -50.1880, -92.6840

Conversions

Conversions Part 2

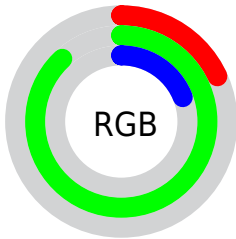
Format	Color
RYB	45, 221, 224
Decimal	3006512
CIELab	78.51, -73.61, 67.74
CIElCh	79, 100.034, 137.376
Yxy	54.0826, 0.3004, 0.5747
Android (android.graphics.Color)	4281196592 (0xFF2DE030)
YUV	150.4150, -50.4906, -92.4490
Hunter-Lab	73.5409, -60.0757, 42.0094

Details

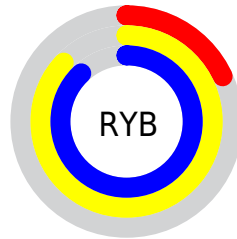
The YUV color **150.4150, -50.4906, -92.4490** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **118.5850, 50.4906, 92.4490**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.7740, -44.7516, -66.4538**, and **98.0290, -48.3283, -85.9714** is the 20% darker color. If you saturate the color by 10%, you get **141.3290, -56.8572, -103.7745**, and if you desaturate by 10%, it is **159.5010, -44.1240, -81.1234**.

Distribution



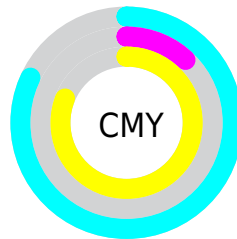
- Red (18%)
- Green (88%)
- Blue (19%)



- Red (18%)
- Yellow (87%)
- Blue (88%)



- Cyan (80%)
- Magenta (0%)
- Yellow (79%)
- Black (12%)



- Cyan (82%)
- Magenta (12%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.4150, -50.4906, -92.4490 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 150.4150, -50.4906, -92.4490 by changing the saturation by 10% instead.

150.4150,
-50.4906, -92.4490

150.4150,
-50.4906, -92.4490

255.0000, 0.0000,
0.0000

114.4650,
-56.4312, -100.3858

198.7740,
-44.7516, -66.4538

98.0290, -48.3283,
-85.9714

211.8330,
-37.3857, -48.9655

81.5930, -40.2253,
-71.5571

224.2940,
-29.7249, -32.7068

66.3310, -32.7012,
-58.1723

237.1680,
-21.7748, -15.9333

50.4820, -24.8876,
-44.2727

249.7430,
-13.6773, 0.2254

36.3940, -17.9422,
-31.9175

254.6580, -1.3104,

21.1320, -10.4181,

0.2999

-18.5328

■ 0.0000, 0.0000,
0.0000

■ 150.4150,
-50.4906, -92.4490

■ 150.4150,
-50.4906, -92.4490

■ 141.3290,
-56.8572, -103.7745

■ 159.5010,
-44.1240, -81.1234

■ 131.9440,
-63.0764, -115.7149

■ 168.8860,
-37.9048, -69.1830

■ 177.9720,
-31.5382, -57.8574

■ 187.3570,
-25.3190, -45.9171

■ 196.4430,
-18.9524, -34.5915

■ 205.5290,
-12.5858, -23.2659

■ 214.9140, -6.3666,
-11.3256

■ 224.0000, 0.0000,
0.0000

■ 233.3850, 6.2192,
11.9404

Harmonies

Analogous

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



175.6390, -86.5900, 6.4556



150.4150, -50.4906, -92.4490



153.8710, -1.9084, -134.9449

Triad

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



150.4150, -50.4906, -92.4490



156.4490, 48.5856, -137.2058



142.6700, 1.1487, 98.5134

Complementary

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



150.4150, -50.4906, -92.4490



118.5850, 50.4906, 92.4490

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.



156.2070, 40.3239, 86.6415



150.4150, -50.4906, -92.4490



159.1710, 47.2437, -79.9570

Square

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



150.4150, -50.4906, -92.4490



164.6670, 44.5342, -144.4130



187.4950, 33.2800, 59.2019



159.4120, -51.4751, 83.8307

Rectangle

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



150.4150, -50.4906, -92.4490



162.5690, 26.3415, -142.5730



187.4950, 33.2800, 59.2019



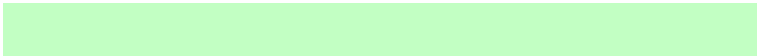
141.9810, 16.2784, 99.1177

Sweetspot

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



150.4150, -50.4906, -92.4490



229.9210, -17.2161, -31.5027



202.6970, -77.7446, 16.0517



112.7190, -10.7075, -19.0476



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.



150.4150, -50.4906, -92.4490



154.2710, -69.1536, -126.5257



160.5610, -11.6156, -101.3470



107.4570, -3.1833, -5.6628



103.6540, -49.6224, -90.9046



28.2900, -13.4540, -24.8103

Inverse Universe

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



118.5850, 50.4906, 92.4490



110.7290, 69.1536, 126.5257



108.4390, 11.6156, 101.3470



105.5430, 3.1833, 5.6628



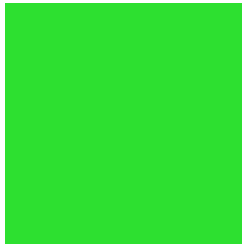
72.3460, 49.6224, 90.9046



19.8240, 13.8908, 24.7104

Previews

White Background



This preview shows how the YUV color 150.4150, -50.4906, -92.4490 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 150.4150, -50.4906, -92.4490 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 150.4150, -50.4906, -92.4490 Background



This preview shows how black text looks on a background with the YUV color 150.4150, -50.4906, -92.4490.



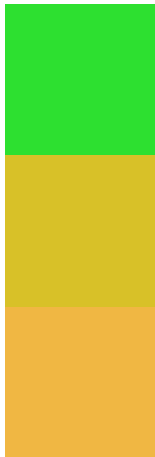
This preview shows how white text looks on a background with the YUV color 150.4150, -50.4906, -92.4490.

-92.4490.

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

150.4150, -50.4906, -92.4490

Protanopia

182.4350, -70.2205, 29.4365

Deuteranopia

186.8190, -59.0708, 46.6397



Tritanopia

178.6460, 23.3455, -68.0955

Trichromacy



Original Color

150.4150, -50.4906, -92.4490



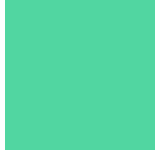
Protanomaly

170.6960, -62.9541, -14.6424



Deuteranomaly

173.5970, -56.0033, -4.0316



Tritanomaly

168.1910, -3.5452, -76.4665

Monochromacy



Original Color

150.4150, -50.4906, -92.4490



Achromatopsia

150.0000, 0.0000, 0.0000



Achromatomaly

150.2690, -18.3736, -33.5619

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.4150, -50.4906, -92.4490 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(45, 224, 48)` looks like.

```
.text, #text, p{  
    color:rgb(45, 224, 48)  
}
```

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(45, 224, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 224, 48) }
```

Border

The CSS property to change the border of an element to YUV 150.4150, -50.4906, -92.4490 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(45, 224, 48) }
```


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

```
.border{ border-color:rgb(45, 224, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 224, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 224, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 224, 48);  
box-shadow:4px 4px 4px 4px rgb(45, 224,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 150.4150, -50.4906, -92.4490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 224, 48) }
```

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

```
.background{ background-color: rgb(45, 224,  
48) }
```

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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