

Converting Colors

YUV(150.2250, -35.6069,
-106.3143)

Have a look what the booklet for
YUV(150.2250, -35.6069, -106.3143)
contains.

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Color

**YUV(150.2250, -35.6069,
-106.3143)**

Conversions

Conversions Part 1

Format	Color
Hex	1DE24E
RGB	29, 226, 78
RGB Percent	11%, 89%, 31%
CMY	0.8863, 0.1137, 0.6941
CMYK	0.87, 0.00, 0.65, 0.11
HSL	135°, 77%, 50%
HSV	135°, 87%, 89%
XYZ	29.0782, 55.2040, 16.3306
YIQ	150.2250, -69.9040, -87.7920

Conversions

Conversions Part 2

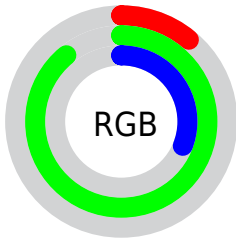
Format	Color
RYB	29, 187, 226
Decimal	1958478
CIELab	79.16, -73.26, 57.80
CIELCh	79, 93.317, 141.724
Yxy	55.2040, 0.2890, 0.5487
Android (android.graphics.Color)	4280148558 (0xFF1DE24E)
YUV	150.2250, -35.6069, -106.3143
Hunter-Lab	74.2994, -60.1652, 38.9780

Details

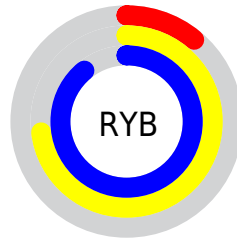
The YUV color **150.2250, -35.6069, -106.3143** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **104.7750, 35.6069, 106.3143**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.5310, -32.7998, -73.2567**, and **100.7990, -42.7919, -88.4007** is the 20% darker color. If you saturate the color by 10%, you get **141.4100, -39.6421, -118.7546**, and if you desaturate by 10%, it is **159.0400, -31.5717, -93.8741**.

Distribution



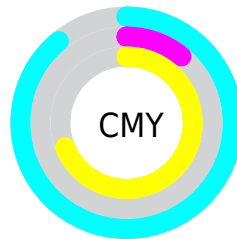
- Red (11%)
- Green (89%)
- Blue (31%)



- Red (11%)
- Yellow (73%)
- Blue (89%)



- Cyan (87%)
- Magenta (0%)
- Yellow (65%)
- Black (11%)



- Cyan (89%)
- Magenta (11%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.2250, -35.6069, -106.3143 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 150.2250, -35.6069, -106.3143 by changing the saturation by 10% instead.

■ 150.2250,
-35.6069, -106.3143

■ 150.2250,
-35.6069, -106.3143

■ 255.0000, 0.0000,
0.0000

■ 121.3390,
-35.1701, -106.4143

■ 199.5310,
-32.7998, -73.2567

■ 100.7990,
-42.7919, -88.4007

■ 212.5900,
-25.4339, -55.7684

■ 82.7670, -40.8041,
-72.5867

■ 225.0510,
-17.7731, -39.5097

■ 66.9180, -32.9906,
-58.6871

■ 237.8110,
-10.2598, -22.6362

■ 51.6560, -25.4664,
-45.3023

■ 250.5000, -1.7255,
-6.5775

■ 36.9810, -18.2316,
-32.4323

■ 22.3060, -10.9969,

-19.5624

■ 0.0000, 0.0000,
0.0000

■ 150.2250,
-35.6069, -106.3143

■ 150.2250,
-35.6069, -106.3143

■ 141.4100,
-39.6421, -118.7546

■ 159.0400,
-31.5717, -93.8741

■ 139.0460,
-40.9417, -121.9433

■ 167.5560,
-27.3891, -82.0486

■ 176.3710,
-23.3539, -69.6084

■ 184.8870,
-19.1713, -57.7829

■ 193.7020,
-15.1361, -45.3427

■ 202.5170,
-11.1009, -32.9024

■ 211.0330, -6.9183,
-21.0769

■ 219.8480, -2.8831,
-8.6367

■ 228.3640, 1.2995,
3.1888

Harmonies

Analogous

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



175.2960, -86.4209, -1.1366



150.2250, -35.6069, -106.3143



155.9230, 5.9540, -136.7445

Triad

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



150.2250, -35.6069, -106.3143



154.6880, 49.4538, -135.6614



154.0850, -8.4229, 88.5025

Complementary

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



150.2250, -35.6069, -106.3143



104.7750, 35.6069, 106.3143

Split Complementary

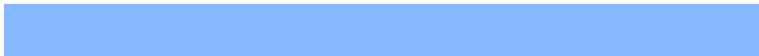
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



161.6550, 30.7361, 81.8636



150.2250, -35.6069, -106.3143



178.0410, 37.9408, -35.9930

Square

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



150.2250, -35.6069, -106.3143



164.0800, 44.8236, -143.8982



188.0820, 32.9906, 58.6871



167.6300, -55.5266, 76.6235

Rectangle

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



150.2250, -35.6069, -106.3143



164.0510, 32.0199, -143.8727



188.0820, 32.9906, 58.6871



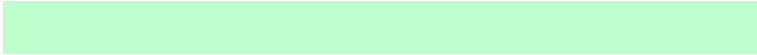
152.6950, 6.5594, 89.7215

Sweetspot

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



150.2250, -35.6069, -106.3143



229.5660, -12.1110, -35.5764



189.7880, -79.2685, -8.5841



112.6200, -7.2077, -21.5917



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.



150.2250, -35.6069, -106.3143



156.8670, -46.2764, -137.5724



161.0550, 5.8889, -115.8122



107.7990, -1.8729, -5.9627



108.3280, -31.7137, -95.0037



29.5440, -8.6492, -25.9101

Inverse Universe

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



104.7750, 35.6069, 106.3143



98.1330, 46.2764, 137.5724



93.9450, -5.8889, 115.8122



105.2010, 1.8729, 5.9627



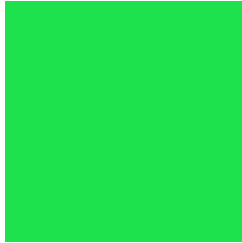
67.6720, 31.7137, 95.0037



18.4560, 8.6492, 25.9101

Previews

White Background



This preview shows how the YUV color 150.2250, -35.6069, -106.3143 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 150.2250, -35.6069, -106.3143 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 150.2250, -35.6069, -106.3143 Background



This preview shows how black text looks on a background with the YUV color 150.2250, -35.6069, -106.3143.



This preview shows how white text looks on a background with the YUV color 150.2250, -35.6069, -106.3143.

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

150.2250, -35.6069, -106.3143

Protanopia

186.6270, -57.9901, 26.6371

Deuteranopia

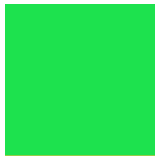
190.7290, -49.1664, 43.2107



Tritanopia

178.3680, 24.9616, -73.1137

Trichromacy



Original Color

150.2250, -35.6069, -106.3143



Protanomaly

173.6810, -50.1287, -21.6452



Deuteranomaly

175.9410, -44.3409, -11.3493



Tritanomaly

167.8570, 3.0285, -84.9436

Monochromacy



Original Color

150.2250, -35.6069, -106.3143



Achromatopsia

150.0000, 0.0000, 0.0000



Achromatomaly

150.3160, -12.9738, -38.8651

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.2250, -35.6069, -106.3143 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(29, 226, 78)` looks like.

```
.text, #text, p{  
    color:rgb(29, 226, 78)  
}
```

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(29, 226, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 226, 78) }
```

Border

The CSS property to change the border of an element to YUV 150.2250, -35.6069, -106.3143 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(29, 226, 78) }
```


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

```
.border{ border-color:rgb(29, 226, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 226, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 226, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 226, 78);  
box-shadow:4px 4px 4px 4px rgb(29, 226,  
78) }
```

Background

The CSS property to change the background color of an element to YUV 150.2250, -35.6069, -106.3143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 226, 78) }
```

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

```
.background{ background-color: rgb(29, 226,  
78) }
```

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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