

Converting Colors

YUV(151.1930, -46.9301,
-67.6983)

Have a look what the booklet for
YUV(151.1930, -46.9301, -67.6983)
contains.

YUV(151.1930, -46.9301, -67.6983)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(151.1930, -46.9301,
-67.6983)**

Conversions

Conversions Part 1

Format	Color
Hex	4AD138
RGB	74, 209, 56
RGB Percent	29%, 82%, 22%
CMY	0.7098, 0.1804, 0.7804
CMYK	0.65, 0.00, 0.73, 0.18
HSL	113°, 62%, 52%
HSV	113°, 73%, 82%
XYZ	26.3383, 47.3423, 11.4912
YIQ	151.1930, -31.3470, -76.2030

Conversions

Conversions Part 2

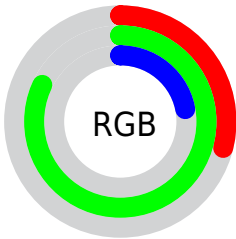
Format	Color
RYB	56, 209, 191
Decimal	4903224
CIELab	74.41, -63.71, 61.36
CIElCh	74, 88.457, 136.077
Yxy	47.3423, 0.3092, 0.5558
Android (android.graphics.Color)	4283093304 (0xFF4AD138)
YUV	151.1930, -46.9301, -67.6983
Hunter-Lab	68.8057, -52.0816, 38.2620

Details

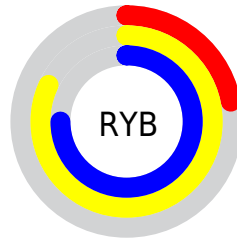
The YUV color **151.1930, -46.9301, -67.6983** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **113.8070, 46.9301, 67.6983**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.7150, -45.2155, -57.6321**, and **89.8110, -44.2768, -78.7642** is the 20% darker color. If you saturate the color by 10%, you get **143.4170, -53.4496, -76.6647**, and if you desaturate by 10%, it is **158.9690, -40.4107, -58.7318**.

Distribution



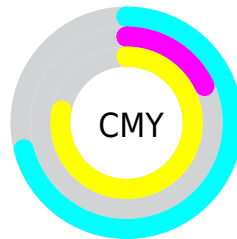
- Red (29%)
- Green (82%)
- Blue (22%)



- Red (22%)
- Yellow (82%)
- Blue (75%)



- Cyan (65%)
- Magenta (0%)
- Yellow (73%)
- Black (18%)



- Cyan (71%)
- Magenta (18%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.1930, -46.9301, -67.6983 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 151.1930, -46.9301, -67.6983 by changing the saturation by 10% instead.

■ 151.1930,
-46.9301, -67.6983

■ 151.1930,
-46.9301, -67.6983

■ 255.0000, 0.0000,
0.0000

■ 118.3230,
-47.4872, -75.7053

■ 203.7150,
-45.2155, -57.6321

■ 89.8110, -44.2768,
-78.7642

■ 215.8770,
-37.4074, -41.9881

■ 73.9620, -36.4633,
-64.8647

■ 228.3380,
-29.7466, -25.7294

■ 58.7000, -28.9391,
-51.4799

■ 240.5000,
-21.9385, -10.0855

■ 43.4380, -21.4149,
-38.0951

■ 251.5800,
-13.1039, 2.9993

■ 30.5240, -15.0483,
-26.7695

■ 14.0880, -6.9454,

-12.3552

■ 0.0000, 0.0000,
0.0000

■ 151.1930,
-46.9301, -67.6983

■ 151.1930,
-46.9301, -67.6983

■ 143.4170,
-53.4496, -76.6647

■ 158.9690,
-40.4107, -58.7318

■ 135.3420,
-59.8216, -86.2459

■ 167.0440,
-34.0387, -49.1506

■ 130.1580,
-64.1679, -92.2236

■ 174.8200,
-27.5193, -40.1841

■ 182.8950,
-21.1472, -30.6029

■ 190.6710,
-14.6278, -21.6365

■ 198.6320, -8.6926,
-11.9553

■ 206.4080, -2.1731,
-2.9888

■ 214.4830, 4.1989,
6.5924

■ 222.2590, 10.7183,
15.5589

Harmonies

Analogous

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



166.8120, -82.2383, 10.6889



151.1930, -46.9301, -67.6983



143.4530, -1.2093, -125.8083

Triad

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



151.1930, -46.9301, -67.6983



148.2310, 52.6371, -129.9986



147.7250, -2.3294, 94.0802

Complementary

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



151.1930, -46.9301, -67.6983



113.8070, 46.9301, 67.6983

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.



160.4810, 31.3149, 82.8932



151.1930, -46.9301, -67.6983



156.5790, 48.5216, -69.7908

Square

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



151.1930, -46.9301, -67.6983



155.8620, 48.8750, -136.6910



182.4230, 35.7805, 50.4950



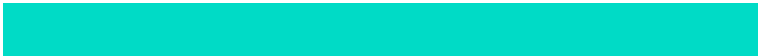
158.9050, -45.8022, 84.2753

Rectangle

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



151.1930, -46.9301, -67.6983



151.1250, 23.1094, -132.5366



182.4230, 35.7805, 50.4950



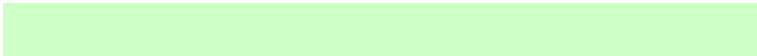
148.4550, 10.6217, 93.4400

Sweetspot

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



151.1930, -46.9301, -67.6983



233.9650, -17.2377, -24.5253



179.8180, -61.0423, 25.5926



115.1540, -10.4289, -15.0441



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.



151.1930, -46.9301, -67.6983



170.2620, -68.6562, -99.3308



152.1950, -19.8161, -84.3630



100.7560, -3.3307, -5.0480



104.5960, -51.5658, -74.1907



25.5620, -12.6021, -18.0329

Inverse Universe

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



113.8070, 46.9301, 67.6983



115.7380, 68.6562, 99.3308



112.8050, 19.8161, 84.3630



97.9450, 3.4781, 4.4332



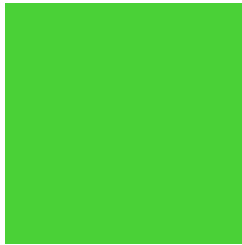
63.7030, 51.4184, 74.8055



15.4380, 12.6021, 18.0329

Previews

White Background



This preview shows how the YUV color 151.1930, -46.9301, -67.6983 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 151.1930, -46.9301, -67.6983 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 151.1930, -46.9301, -67.6983 Background



This preview shows how black text looks on a background with the YUV color 151.1930, -46.9301, -67.6983.



This preview shows how white text looks on a background with the YUV color 151.1930, -46.9301, -67.6983.

-67.6983.

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

151.1930, -46.9301, -67.6983

Protanopia

173.4160, -61.3371, 26.8222

Deuteranopia

176.5180, -52.5134, 43.3957



Tritanopia

171.4090, 19.5184, -53.8557

Trichromacy



Original Color

151.1930, -46.9301, -67.6983



Protanomaly

165.5750, -55.9925, -7.5203



Deuteranomaly

167.1340, -50.3521, 3.3905



Tritanomaly

164.0730, -4.4730, -58.8230

Monochromacy



Original Color

151.1930, -46.9301, -67.6983



Achromatopsia

151.0000, 0.0000, 0.0000



Achromatomaly

150.9650, -17.2377, -24.5253

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.1930, -46.9301, -67.6983 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(74, 209, 56)` looks like.

```
.text, #text, p{  
    color:rgb(74, 209, 56)  
}
```

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(74, 209, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 209, 56) }
```

Border

The CSS property to change the border of an element to YUV 151.1930, -46.9301, -67.6983 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(74, 209, 56) }
```


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

```
.border{ border-color:rgb(74, 209, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 209, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 209, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 209, 56);  
box-shadow:4px 4px 4px 4px rgb(74, 209,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 151.1930, -46.9301, -67.6983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 209, 56) }
```

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

```
.background{ background-color: rgb(74, 209,  
56) }
```

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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