

Converting Colors

YUV(151.2680, -47.4601,
-84.4270)

Have a look what the booklet for
YUV(151.2680, -47.4601, -84.4270)
contains.

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Color

**YUV(151.2680, -47.4601,
-84.4270)**

Conversions

Conversions Part 1

Format	Color
Hex	37DB37
RGB	55, 219, 55
RGB Percent	22%, 86%, 22%
CMY	0.7843, 0.1412, 0.7843
CMYK	0.75, 0.00, 0.75, 0.14
HSL	120°, 69%, 54%
HSV	120°, 75%, 86%
XYZ	27.5967, 51.7511, 12.1489
YIQ	151.2680, -45.1000, -85.7720

Conversions

Conversions Part 2

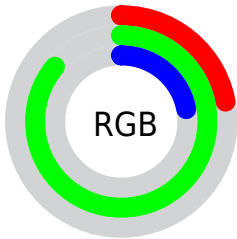
Format	Color
RYB	55, 219, 219
Decimal	3660599
CIELab	77.13, -70.34, 64.29
CIELCh	77, 95.294, 137.575
Yxy	51.7511, 0.3016, 0.5656
Android (android.graphics.Color)	4281850679 (0xFF37DB37)
YUV	151.2680, -47.4601, -84.4270
Hunter-Lab	71.9382, -57.4165, 40.3439

Details

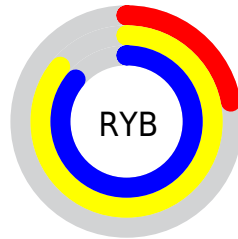
The YUV color **151.2680, -47.4601, -84.4270** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark muted green. A complement of this color would be **122.7320, 47.4601, 84.4270**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.4260, -43.5940, -64.3946**, and **95.0940, -46.8813, -83.3974** is the 20% darker color. If you saturate the color by 10%, you get **142.1820, -53.8267, -95.7526**, and if you desaturate by 10%, it is **160.3540, -41.0935, -73.1015**.

Distribution



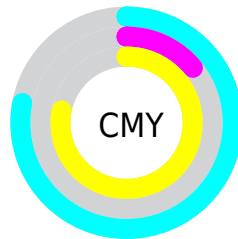
- Red (22%)
- Green (86%)
- Blue (22%)



- Red (22%)
- Yellow (86%)
- Blue (86%)



- Cyan (75%)
- Magenta (0%)
- Yellow (75%)
- Black (14%)



- Cyan (78%)
- Magenta (14%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.2680, -47.4601, -84.4270 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 151.2680, -47.4601, -84.4270 by changing the saturation by 10% instead.

151.2680,
-47.4601, -84.4270

151.2680,
-47.4601, -84.4270

255.0000, 0.0000,
0.0000

113.5820,
-47.1219, -99.6114

200.4260,
-43.5940, -64.3946

95.0940, -46.8813,
-83.3974

213.1860,
-36.0807, -47.5211

79.2450, -39.0678,
-69.4979

225.7610,
-27.9832, -31.3624

63.3960, -31.2542,
-55.5983

238.2220,
-20.3224, -15.1037

48.1340, -23.7301,
-42.2135

250.7970,
-12.2249, 1.0550

34.0460, -16.7847,
-29.8583

18.7840, -9.2605,

-16.4736

■ 0.0000, 0.0000,
0.0000

■ 151.2680,
-47.4601, -84.4270

■ 151.2680,
-47.4601, -84.4270

■ 142.1820,
-53.8267, -95.7526

■ 160.3540,
-41.0935, -73.1015

■ 133.0960,
-60.1933, -107.0782

■ 169.4400,
-34.7269, -61.7759

■ 128.5530,
-63.3766, -112.7410

■ 178.5260,
-28.3603, -50.4503

■ 187.6120,
-21.9937, -39.1247

■ 196.6980,
-15.6271, -27.7991

■ 205.3710, -9.5499,
-16.9884

■ 214.4570, -3.1833,
-5.6628

■ 223.5430, 3.1833,
5.6628

■ 232.6290, 9.5499,
16.9884

Harmonies

Analogous

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



172.3940, -84.9902, 6.6705



151.2680, -47.4601, -84.4270



150.2350, -0.6089, -131.7561

Triad

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



151.2680, -47.4601, -84.4270



153.5140, 50.0326, -134.6318



145.9640, -1.4613, 95.6246

Complementary

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



151.2680, -47.4601, -84.4270



122.7320, 47.4601, 84.4270

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.



158.3440, 35.8194, 84.7673



151.2680, -47.4601, -84.4270



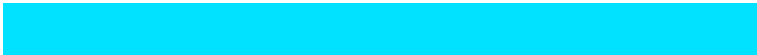
161.6070, 46.0427, -68.0613

Square

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



151.2680, -47.4601, -84.4270



161.7320, 45.9811, -141.8390



187.4950, 33.2800, 59.2019



160.3410, -50.4541, 83.0159

Rectangle

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



151.2680, -47.4601, -84.4270



158.4770, 25.8938, -138.9843



187.4950, 33.2800, 59.2019



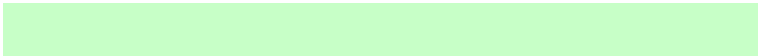
145.7480, 12.9422, 95.8140

Sweetspot

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



151.2680, -47.4601, -84.4270



231.8720, -16.2059, -28.8287



200.3040, -71.6349, 16.3964



113.9580, -9.8393, -17.5032



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.



151.2680, -47.4601, -84.4270



160.0100, -66.5599, -118.4038



160.6160, -11.6427, -92.6252



105.4570, -3.1833, -5.6628



101.5510, -50.0646, -89.0602



27.0020, -13.3120, -23.6808

Inverse Universe

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



122.7320, 47.4601, 84.4270



119.9900, 66.5599, 118.4038



113.3840, 11.6427, 92.6252



103.5430, 3.1833, 5.6628



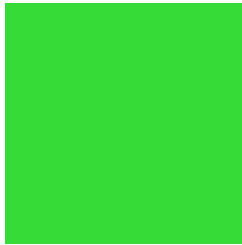
71.4490, 50.0646, 89.0602



18.9980, 13.3120, 23.6808

Previews

White Background



This preview shows how the YUV color 151.2680, -47.4601, -84.4270 looks on a white background.

Color Contrast Check

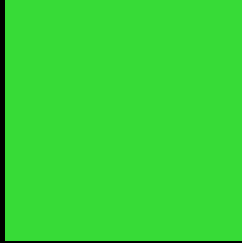
Large Text (above 18pt) WCAG AA × Fail

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 151.2680, -47.4601, -84.4270 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

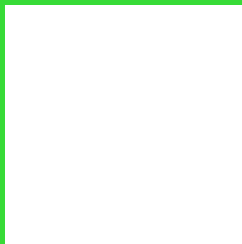
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 151.2680, -47.4601, -84.4270 Background



This preview shows how black text looks on a background with the YUV color 151.2680, -47.4601, -84.4270.



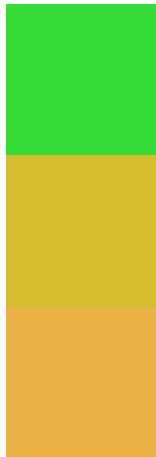
This preview shows how white text looks on a background with the YUV color 151.2680, -47.4601, -84.4270.

-84.4270.

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

151.2680, -47.4601, -84.4270

Protanopia

179.6890, -65.4157, 28.3367

Deuteranopia

183.4320, -55.4290, 45.2251



Tritanopia

175.7390, 22.3137, -63.7921

Trichromacy



Original Color

151.2680, -47.4601, -84.4270



Protanomaly

169.4450, -58.8864, -12.6683



Deuteranomaly

172.1180, -52.8092, -1.8575



Tritanomaly

166.7510, -2.8352, -70.8186

Monochromacy



Original Color

151.2680, -47.4601, -84.4270



Achromatopsia

151.0000, 0.0000, 0.0000



Achromatomaly

151.2200, -17.3635, -30.8879

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.2680, -47.4601, -84.4270 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(55, 219, 55)` looks like.

```
.text, #text, p{  
    color:rgb(55, 219, 55)  
}
```

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(55, 219, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 219, 55) }
```

Border

The CSS property to change the border of an element to YUV 151.2680, -47.4601, -84.4270 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(55, 219, 55) }
```


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

```
.border{ border-color:rgb(55, 219, 55) }
```

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

Here you see how a box with a 4 pixel rgb(55, 219, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 219, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 219, 55);  
box-shadow:4px 4px 4px 4px rgb(55, 219,  
55) }
```

Background

The CSS property to change the background color of an element to YUV 151.2680, -47.4601, -84.4270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 219, 55) }
```

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

```
.background{ background-color: rgb(55, 219,  
55) }
```

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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