

Converting Colors

YUV(177.2990, -37.6154,
-68.6682)

Have a look what the booklet for
YUV(177.2990, -37.6154, -68.6682)
contains.

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Color

**YUV(177.2990, -37.6154,
-68.6682)**

Conversions

Conversions Part 1

Format	Color
Hex	63E865
RGB	99, 232, 101
RGB Percent	39%, 91%, 40%
CMY	0.6118, 0.0902, 0.6039
CMYK	0.57, 0.00, 0.56, 0.09
HSL	121°, 74%, 65%
HSV	121°, 57%, 91%
XYZ	36.3512, 61.3055, 22.2292
YIQ	177.2990, -37.2170, -68.9370

Conversions

Conversions Part 2

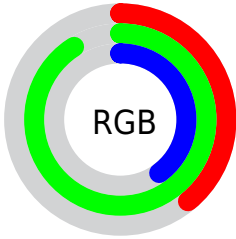
Format	Color
RYB	99, 230, 232
Decimal	6547557
CIELab	82.54, -61.82, 52.14
CIELCh	83, 80.867, 139.856
Yxy	61.3055, 0.3032, 0.5114
Android (android.graphics.Color)	4284737637 (0xFF63E865)
YUV	177.2990, -37.6154, -68.6682
Hunter-Lab	78.2978, -54.1493, 37.9757

Details

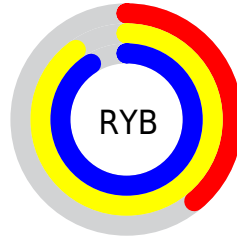
The YUV color **177.2990, -37.6154, -68.6682** is a dark color, and the websafe version is hex **66FF66**. A complement of this color would be **153.7010, 37.6154, 68.6682**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.1950, -29.6761, -48.4060**, and **113.1660, -32.6198, -84.3376** is the 20% darker color. If you saturate the color by 10%, you get **167.8000, -44.2714, -80.5086**, and if you desaturate by 10%, it is **186.7980, -30.9594, -56.8278**.

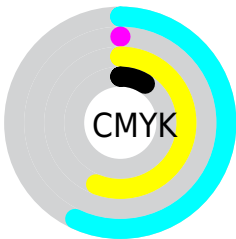
Distribution



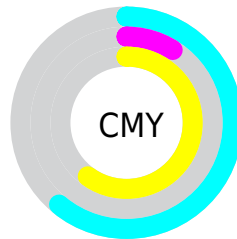
- Red (39%)
- Green (91%)
- Blue (40%)



- Red (39%)
- Yellow (90%)
- Blue (91%)



- Cyan (57%)
- Magenta (0%)
- Yellow (56%)
- Black (9%)



- Cyan (61%)
- Magenta (9%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.2990, -37.6154, -68.6682 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 177.2990, -37.6154, -68.6682 by changing the saturation by 10% instead.

177.2990,
-37.6154, -68.6682

177.2990,
-37.6154, -68.6682

255.0000, 0.0000,
0.0000

147.0320,
-36.0048, -71.9421

215.1950,
-29.6761, -48.4060

113.1660,
-32.6198, -84.3376

227.3570,
-21.8680, -32.7621

88.5860, -36.2779,
-77.6899

239.8180,
-14.2073, -16.5034

71.0270, -35.0163,
-62.2907

252.0940, -5.9623,
-0.9594

55.7650, -27.4921,
-48.9059

41.0900, -20.2574,
-36.0359

27.5890, -13.6014,

-24.1956

■ 9.3920, -4.6303,
-8.2368

■ 0.0000, 0.0000,
0.0000

■ 177.2990,
-37.6154, -68.6682

■ 177.2990,
-37.6154, -68.6682

■ 167.8000,
-44.2714, -80.5086

■ 186.7980,
-30.9594, -56.8278

■ 158.3010,
-50.9274, -92.3490


■ 196.2970,
-24.3034, -44.9875

■ 148.5030,
-57.4360, -104.8041


■ 206.0950,
-17.7948, -32.5323

■ 139.1180,
-63.6552, -116.7445

■ 215.4800,
-11.5756, -20.5920

 136.5260,
-65.8283, -119.7333

 224.9790, -4.9196,
-8.7516

 234.4780, 1.7363,
3.0888

 241.4990, 6.6560,
11.8404

Harmonies

Analogous

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



190.1300, -74.5071, 4.2710



177.2990, -37.6154, -68.6682



160.9440, 7.4226, -141.1479

Triad

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



177.2990, -37.6154, -68.6682



159.3840, 47.1387, -139.7798



173.5020, -7.6425, 71.4737

Complementary

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



177.2990, -37.6154, -68.6682



153.7010, 37.6154, 68.6682

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.



181.6930, 26.2804, 64.2902



177.2990, -37.6154, -68.6682



190.4670, 31.8148, -31.1046

Square

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



177.2990, -37.6154, -68.6682



167.6020, 43.0872, -146.9870



200.4090, 26.9134, 47.8763



181.0120, -44.8689, 64.8875

Rectangle

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



177.2990, -37.6154, -68.6682



167.5730, 30.2835, -146.9615



200.4090, 26.9134, 47.8763



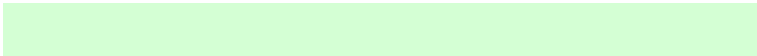
174.0040, 4.4350, 71.0335

Sweetspot

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



177.2990, -37.6154, -68.6682



237.2410, -12.4438, -22.1364



216.8380, -58.0941, 13.2971



117.2620, -7.5242, -13.3848



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.



177.2990, -37.6154, -68.6682



182.6540, -49.6224, -90.9046



184.7090, -9.2235, -75.1668



110.0440, -3.4727, -6.1776



105.4150, -50.4906, -92.4490



30.0510, -14.3221, -26.3547

Inverse Universe

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



153.7010, 37.6154, 68.6682



151.3460, 49.6224, 90.9046



146.4050, 9.6603, 75.0668



107.9560, 3.4727, 6.1776



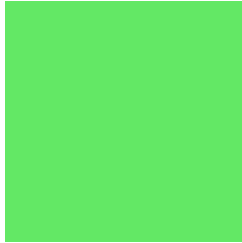
73.5850, 50.4906, 92.4490



20.9490, 14.3221, 26.3547

Previews

White Background



This preview shows how the YUV color 177.2990, -37.6154, -68.6682 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 177.2990, -37.6154, -68.6682 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 177.2990, -37.6154, -68.6682 Background



This preview shows how black text looks on a background with the YUV color 177.2990, -37.6154, -68.6682.



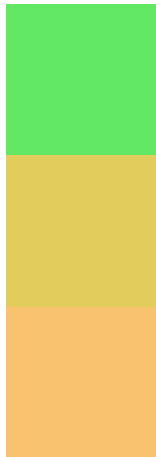
This preview shows how white text looks on a background with the YUV color 177.2990, -37.6154, -68.6682.

-68.6682.

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

177.2990, -37.6154, -68.6682

Protanopia

197.8100, -52.1643, 24.7226

Deuteranopia

200.9830, -44.3616, 42.1109



Tritanopia

193.7400, 20.8342, -55.9000

Trichromacy



Original Color

177.2990, -37.6154, -68.6682



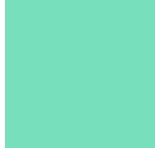
Protanomaly

190.2680, -46.9671, -9.0050



Deuteranomaly

192.3000, -42.0529, 1.4909



Tritanomaly

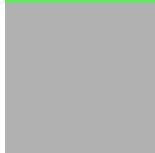
187.8000, -0.3944, -60.3376

Monochromacy



Original Color

177.2990, -37.6154, -68.6682



Achromatopsia

177.0000, 0.0000, 0.0000



Achromatomaly

177.1760, -13.8908, -24.7104

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.2990, -37.6154, -68.6682 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(99, 232, 101)` looks like.

```
.text, #text, p{  
    color:rgb(99, 232, 101)  
}
```

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(99, 232, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 232, 101) }
```

Border

The CSS property to change the border of an element to YUV 177.2990, -37.6154, -68.6682 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(99, 232, 101) }
```


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

```
.border{ border-color:rgb(99, 232, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 232, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 232, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 232, 101);  
box-shadow:4px 4px 4px 4px rgb(99, 232,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 177.2990, -37.6154, -68.6682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 232, 101) }
```

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

```
.background{ background-color: rgb(99, 232,  
101) }
```

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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