

Converting Colors

YUV(111.1490, -33.5975,
-97.4777)

Have a look what the booklet for
YUV(111.1490, -33.5975, -97.4777)
contains.

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Color

**YUV(111.1490, -33.5975,
-97.4777)**

Conversions

Conversions Part 1

Format	Color
Hex	00B52B
RGB	0, 181, 43
RGB Percent	0%, 71%, 17%
CMY	1.0000, 0.2902, 0.8314
CMYK	1.00, 0.00, 0.76, 0.29
HSL	134°, 100%, 35%
HSV	134°, 100%, 71%
XYZ	16.9599, 33.2222, 7.8041
YIQ	111.1490, -63.5780, -81.2900

Conversions

Conversions Part 2

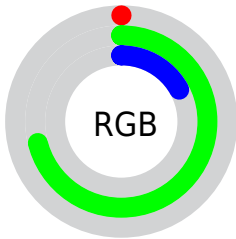
Format	Color
RYB	0, 146, 181
Decimal	46379
CIELab	64.34, -64.80, 55.44
CIELCh	64, 85.282, 139.453
Yxy	33.2222, 0.2925, 0.5729
Android (android.graphics.Color)	4278236459 (0xFF00B52B)
YUV	111.1490, -33.5975, -97.4777
Hunter-Lab	57.6387, -48.3449, 32.3193

Details

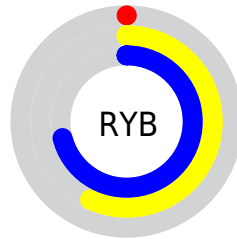
The YUV color **111.1490, -33.5975, -97.4777** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **69.8510, 33.5975, 97.4777**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.8810, -40.3673, -72.6866**, and **73.9620, -36.4633, -64.8647** is the 20% darker color. If you saturate the color by 10%, you get **111.1490, -33.5975, -97.4777**, and if you desaturate by 10%, it is **118.1270, -30.1356, -87.8114**.

Distribution



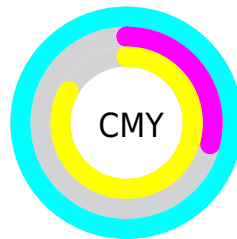
- Red (0%)
- Green (71%)
- Blue (17%)



- Red (0%)
- Yellow (57%)
- Blue (71%)



- Cyan (100%)
- Magenta (0%)
- Yellow (76%)
- Black (29%)



- Cyan (100%)
- Magenta (29%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.1490, -33.5975, -97.4777 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 111.1490, -33.5975, -97.4777 by changing the saturation by 10% instead.

■ 111.1490,
-33.5975, -97.4777

■ 111.1490,
-33.5975, -97.4777

■ 255.0000, 0.0000,
0.0000

■ 90.2670, -42.5296,
-79.1642

■ 179.8810,
-40.3673, -72.6866

■ 73.9620, -36.4633,
-64.8647

■ 202.5060,
-38.2105, -64.4648

■ 58.7000, -28.9391,
-51.4799

■ 214.9670,
-30.5497, -48.2061

■ 43.4380, -21.4149,
-38.0951

■ 227.1290,
-22.7416, -32.5621

■ 29.9370, -14.7589,
-26.2547

■ 239.5900,
-15.0809, -16.3034

■ 14.0880, -6.9454,
-12.3552

■ 251.8660, -6.8359,

■ 0.0000, 0.0000,

-0.7595

0.0000

■ 111.1490,
-33.5975, -97.4777

■ 118.1270,
-30.1356, -87.8114

■ 125.1050,
-26.6738, -78.1451

■ 131.9690,
-23.6487, -68.3788

■ 138.9470,
-20.1869, -58.7125

■ 146.2240,
-16.8724, -48.4314

■ 153.2020,
-13.4106, -38.7652

■ 160.1800, -9.9487,
-29.0989

■ 167.0440, -6.9237,
-19.3326

■ 174.0220, -3.4618,
-9.6663

Harmonies

Analogous

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



140.1880, -69.1127, 0.7121



111.1490, -33.5975, -97.4777



124.7200, 0.6310, -109.3794

Triad

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



111.1490, -33.5975, -97.4777



130.6210, 61.3188, -114.5546



128.7010, -9.2196, 110.7642

Complementary

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



111.1490, -33.5975, -97.4777



69.8510, 33.5975, 97.4777

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.



137.3650, 23.9771, 103.1659



111.1490, -33.5975, -97.4777



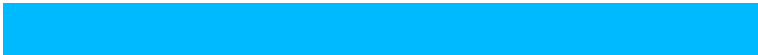
138.9690, 57.2033, -54.3468

Square

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



111.1490, -33.5975, -97.4777



138.2520, 57.5568, -121.2470



158.5340, 47.5577, 53.0287



143.1580, -52.8289, 98.0854

Rectangle

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



111.1490, -33.5975, -97.4777



131.3490, 23.4919, -115.1931



158.5340, 47.5577, 53.0287



127.4420, 3.7261, 111.8684

Sweetspot

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



111.1490, -33.5975, -97.4777



207.6150, -13.1212, -38.2504



147.8080, -72.8693, -7.7246



100.7940, -7.7864, -22.6213



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



111.1490, -33.5975, -97.4777



144.3290, -43.5462, -126.5765



121.4090, 5.7144, -106.4757



85.5110, -1.7309, -4.8331



93.9150, -28.5521, -82.3635



15.9460, -4.9034, -13.9846

Inverse Universe

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



69.8510, 33.5975, 97.4777



90.6710, 43.5462, 126.5765



59.5910, -5.7144, 106.4757



83.4890, 1.7309, 4.8331



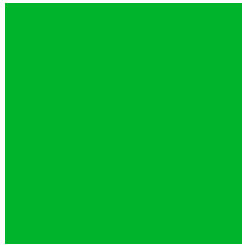
59.0850, 28.5521, 82.3635



9.9400, 4.4666, 14.0846

Previews

White Background



This preview shows how the YUV color 111.1490, -33.5975, -97.4777 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 111.1490, -33.5975, -97.4777 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 111.1490, -33.5975, -97.4777 Background



This preview shows how black text looks on a background with the YUV color 111.1490, -33.5975, -97.4777.



This preview shows how white text looks on a background with the YUV color 111.1490, -33.5975, -97.4777.

-97.4777.

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



Protanopia

147.1150, -54.7797, 23.5781

Deuteranopia

150.4940, -46.0925, 37.2778

Tritanopia

142.3760, 19.5346, -59.0888

Trichromacy



Protanomaly

133.9030, -46.7872, -20.0859

Deuteranomaly

136.0380, -41.4307, -11.4343

Tritanomaly

130.8370, 0.0804, -72.6480

Monochromacy



Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

110.8650, -12.2584, -34.9616

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.1490, -33.5975, -97.4777 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(0, 181, 43)` looks like.

```
.text, #text, p{  
    color:rgb(0, 181, 43)  
}
```

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(0, 181, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 181, 43) }
```

Border

The CSS property to change the border of an element to YUV 111.1490, -33.5975, -97.4777 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(0, 181, 43) }
```

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

```
.border{ border-color:rgb(0, 181, 43) }
```

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

Here you see how a box with a 4 pixel rgb(0, 181, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 181, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 181, 43);  
box-shadow:4px 4px 4px 4px rgb(0, 181, 43)  
}
```


Background

The CSS property to change the background color of an element to YUV 111.1490, -33.5975, -97.4777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 181, 43) }
```

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

```
.background{ background-color: rgb(0, 181,  
43) }
```

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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