

Converting Colors

YUV(177.9300, -31.5175,
-111.3176)

Have a look what the booklet for
YUV(177.9300, -31.5175, -111.3176)
contains.

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Color

**YUV(177.9300, -31.5175,
-111.3176)**

Conversions

Conversions Part 1

Format	Color
Hex	33FF72
RGB	51, 255, 114
RGB Percent	20%, 100%, 45%
CMY	0.8000, 0.0000, 0.5529
CMYK	0.80, 0.00, 0.55, 0.00
HSL	139°, 100%, 60%
HSV	139°, 80%, 100%
XYZ	40.1625, 73.4387, 27.9779
YIQ	177.9300, -76.3230, -87.0990

Conversions

Conversions Part 2

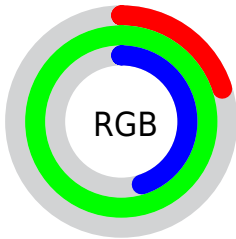
Format	Color
RYB	51, 207, 255
Decimal	3407730
CIELab	88.66, -75.90, 53.29
CIELCh	89, 92.745, 144.927
Yxy	73.4387, 0.2837, 0.5187
Android (android.graphics.Color)	4281597810 (0xFF33FF72)
YUV	177.9300, -31.5175, -111.3176
Hunter-Lab	85.6964, -66.3128, 40.6307

Details

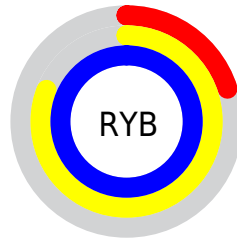
The YUV color **177.9300, -31.5175, -111.3176** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **128.0700, 31.5175, 111.3176**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.1200, -19.2862, -67.6342**, and **122.4790, -30.8021, -107.4141** is the 20% darker color. If you saturate the color by 10%, you get **168.1040, -35.5473, -125.5022**, and if you desaturate by 10%, it is **187.7560, -27.4877, -97.1330**.

Distribution



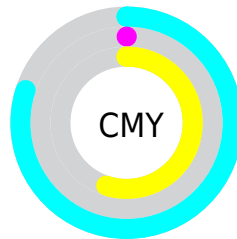
- Red (20%)
- Green (100%)
- Blue (45%)



- Red (20%)
- Yellow (81%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (55%)
- Black (0%)



- Cyan (80%)
- Magenta (0%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.9300, -31.5175, -111.3176 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 177.9300, -31.5175, -111.3176 by changing the saturation by 10% instead.

177.9300,
-31.5175, -111.3176

177.9300,
-31.5175, -111.3176

255.0000, 0.0000,
0.0000

142.5800,
-27.4009, -125.0427

208.1200,
-19.2862, -67.6342

122.4790,
-30.8021, -107.4141

221.1790,
-11.9202, -50.1460

102.1500,
-35.0770, -89.5856

234.0530, -3.9701,
-33.3725

82.7670, -40.8041,
-72.5867

246.9270, 3.9800,
-16.5990

66.3310, -32.7012,
-58.1723

51.0690, -25.1770,
-44.7875

36.9810, -18.2316,

-32.4323

■ 21.1320, -10.4181,
-18.5328

■ 0.0000, 0.0000,
0.0000

■ 177.9300,
-31.5175, -111.3176

■ 177.9300,
-31.5175, -111.3176

■ 168.1040,
-35.5473, -125.5022

■ 187.7560,
-27.4877, -97.1330

■ 158.6910,
-39.2877, -139.1720

■ 197.1690,
-23.7473, -83.4632

■ 206.9950,
-19.7175, -69.2786

■ 216.4080,
-15.9771, -55.6088

■ 226.2340,
-11.9474, -41.4242

■ 235.7610, -7.7702,
-27.8544

■ 245.4730, -4.1772,
-13.5698

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



201.2090, -87.8570, -7.1993



177.9300, -31.5175, -111.3176



172.9410, 15.3121, -151.6693

Triad

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



177.9300, -31.5175, -111.3176



168.7760, 42.5084, -148.0166



175.9810, -10.8366, 69.2997

Complementary

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



177.9300, -31.5175, -111.3176



128.0700, 31.5175, 111.3176

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.



181.9040, 29.6273, 64.1052



177.9300, -31.5175, -111.3176



206.8020, 23.7616, -14.7354

Square

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



177.9300, -31.5175, -111.3176



178.7550, 37.5888, -156.7681



201.5830, 26.3346, 46.8467



188.5800, -56.4879, 58.2503

Rectangle

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



177.9300, -31.5175, -111.3176



178.7550, 37.5888, -156.7681



201.5830, 26.3346, 46.8467



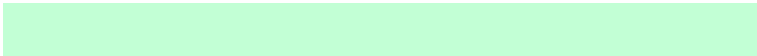
175.0640, 3.4194, 70.1039

Sweetspot

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



177.9300, -31.5175, -111.3176



231.9730, -9.3537, -33.3023



213.5050, -80.1150, -17.1059



113.9730, -5.9027, -20.1473



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.



177.9300, -31.5175, -111.3176



162.4790, -37.7041, -133.7241



189.3300, 12.1623, -121.3154



123.0870, -2.0149, -7.0923



118.8430, -29.5026, -104.2253



39.8480, -9.7851, -34.9467

Inverse Universe

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



128.0700, 31.5175, 111.3176



102.5210, 37.7041, 133.7241



116.6700, -12.1623, 121.3154



119.9130, 2.0149, 7.0923



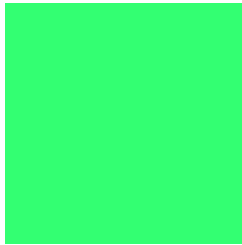
72.1570, 29.5026, 104.2253



24.1520, 9.7851, 34.9467

Previews

White Background



This preview shows how the YUV color 177.9300, -31.5175, -111.3176 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 177.9300, -31.5175, -111.3176 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 177.9300, -31.5175, -111.3176 Background



This preview shows how black text looks on a background with the YUV color 177.9300, -31.5175, -111.3176.

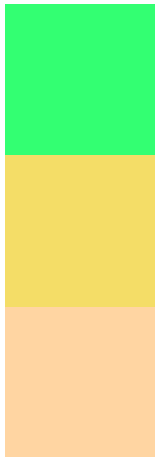


This preview shows how white text looks on a background with the YUV color 177.9300, -31.5175, -111.3176.

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

177.9300, -31.5175, -111.3176

Protanopia

214.4250, -54.9325, 25.9373

Deuteranopia

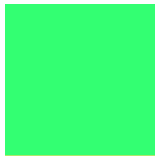
219.7440, -28.4678, 30.9195



Tritanopia

207.3470, 23.4929, -68.7103

Trichromacy



Original Color

177.9300, -31.5175, -111.3176



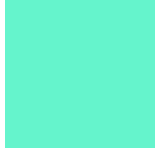
Protanomaly

200.9950, -46.3395, -23.6746



Deuteranomaly

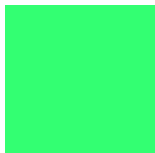
204.4850, -29.3261, -20.5963



Tritanomaly

196.6830, 3.6073, -83.9140

Monochromacy



Original Color

177.9300, -31.5175, -111.3176



Achromatopsia

178.0000, 0.0000, 0.0000



Achromatomaly

178.0600, -11.3686, -40.3946

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.9300, -31.5175, -111.3176 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(51, 255, 114)` looks like.

```
.text, #text, p{  
    color:rgb(51, 255, 114)  
}
```

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(51, 255, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 255, 114) }
```

Border

The CSS property to change the border of an element to YUV 177.9300, -31.5175, -111.3176 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(51, 255, 114) }
```


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

```
.border{ border-color:rgb(51, 255, 114) }
```

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

Here you see how a box with a 4 pixel rgb(51, 255, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 255, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 255, 114);  
box-shadow:4px 4px 4px 4px rgb(51, 255,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 177.9300, -31.5175, -111.3176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 255, 114) }
```

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

```
.background{ background-color: rgb(51, 255,  
114) }
```

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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