

Converting Colors

YUV(146.0330, -51.2883,
-116.6699)

Have a look what the booklet for
YUV(146.0330, -51.2883, -116.6699)
contains.

YUV(146.0330, -51.2883, -116.6699)	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(146.0330, -51.2883,
-116.6699)**

Conversions

Conversions Part 1

Format	Color
Hex	0DEA2A
RGB	13, 234, 42
RGB Percent	5%, 92%, 16%
CMY	0.9490, 0.0824, 0.8353
CMYK	0.94, 0.00, 0.82, 0.08
HSL	128°, 89%, 48%
HSV	128°, 94%, 92%
XYZ	30.0067, 59.0984, 12.0161
YIQ	146.0330, -70.0840, -106.5640

Conversions

Conversions Part 2

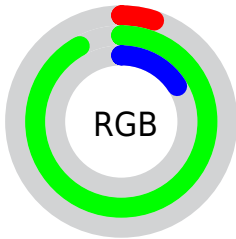
Format	Color
RYB	13, 208, 234
Decimal	911914
CIELab	81.35, -79.14, 71.91
CIELCh	81, 106.924, 137.741
Yxy	59.0984, 0.2967, 0.5844
Android (android.graphics.Color)	4279101994 (0xFF0DEA2A)
YUV	146.0330, -51.2883, -116.6699
Hunter-Lab	76.8755, -64.8584, 44.5454

Details

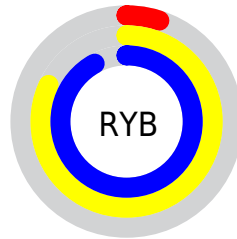
The YUV color **146.0330, -51.2883, -116.6699** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **100.9670, 51.2883, 116.6699**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.0400, -44.8827, -71.0721**, and **103.3120, -50.9328, -90.6046** is the 20% darker color. If you saturate the color by 10%, you get **140.8920, -54.1768, -123.5623**, and if you desaturate by 10%, it is **155.1900, -45.9427, -104.5296**.

Distribution



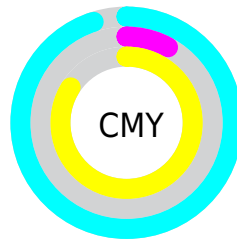
- Red (5%)
- Green (92%)
- Blue (16%)



- Red (5%)
- Yellow (82%)
- Blue (92%)



- Cyan (94%)
- Magenta (0%)
- Yellow (82%)
- Black (8%)



- Cyan (95%)
- Magenta (8%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.0330, -51.2883, -116.6699 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 146.0330, -51.2883, -116.6699 by changing the saturation by 10% instead.

■ 146.0330,
-51.2883, -116.6699

■ 146.0330,
-51.2883, -116.6699

■ 255.0000, 0.0000,
0.0000

■ 120.3350,
-59.3252, -105.5338

■ 196.0400,
-44.8827, -71.0721

■ 103.3120,
-50.9328, -90.6046

■ 209.5120,
-37.2274, -53.0690

■ 86.8760, -42.8299,
-76.1903

■ 222.5710,
-29.8615, -35.5808

■ 71.0270, -35.0163,
-62.2907

■ 235.4450,
-21.9114, -18.8073

■ 55.1780, -27.2028,
-48.3911

■ 248.4330,
-13.5245, -2.1337

■ 40.5030, -19.9680,
-35.5211

■ 254.5440, -1.7472,

■ 25.2410, -12.4438,

0.3999

-22.1364

■ 5.2830, -2.6045,
-4.6332

■ 0.0000, 0.0000,
0.0000

■ 146.0330,
-51.2883, -116.6699

■ 146.0330,
-51.2883, -116.6699

■ 140.8920,
-54.1768, -123.5623

■ 155.1900,
-45.9427, -104.5296

■ 164.7600,
-40.3077, -91.8745

■ 173.9170,
-34.9621, -79.7342

■ 183.3730,
-29.7639, -66.9791

■ 192.6440,
-23.9815, -54.9388

■ 201.8010,
-18.6359, -42.7985

■ 211.2570,
-13.4377, -30.0434

■ 220.5280, -7.6553,
-18.0031

■ 229.9840, -2.4571,
-5.2480

Harmonies

Analogous

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



183.0040, -90.2210, 4.3815



146.0330, -51.2883, -116.6699



160.4250, -2.1815, -140.6927

Triad

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



146.0330, -51.2883, -116.6699



161.7320, 45.9811, -141.8390



139.4900, 4.1954, 101.3023

Complementary

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



146.0330, -51.2883, -116.6699



100.9670, 51.2883, 116.6699

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.



153.2380, 46.7177, 89.2453



146.0330, -51.2883, -116.6699



159.3930, 47.1343, -91.5527

Square

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



146.0330, -51.2883, -116.6699



171.1240, 41.3509, -150.0757



188.6690, 32.7012, 58.1723



160.3750, -55.4009, 82.9861

Rectangle

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



146.0330, -51.2883, -116.6699



169.5790, 27.8156, -148.7208



188.6690, 32.7012, 58.1723



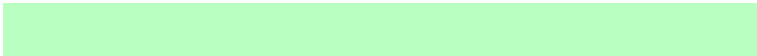
137.3820, 21.5037, 103.1510

Sweetspot

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



146.0330, -51.2883, -116.6699



226.7030, -16.6156, -37.4505



201.0320, -92.6998, 6.1109



110.5120, -10.1124, -23.2510



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.



146.0330, -51.2883, -116.6699



153.4470, -59.3804, -134.5730



158.2310, -4.5509, -127.3676



112.5710, -2.7465, -5.7628



108.9830, -41.8966, -95.5781



32.4960, -12.5695, -28.4990

Inverse Universe

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



100.9670, 51.2883, 116.6699



101.5530, 59.3804, 134.5730



88.7690, 4.5509, 127.3676



110.4290, 2.7465, 5.7628



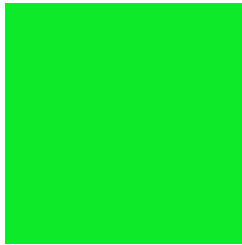
72.0170, 41.8966, 95.5781



21.5040, 12.5695, 28.4990

Previews

White Background



This preview shows how the YUV color 146.0330, -51.2883, -116.6699 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 146.0330, -51.2883, -116.6699 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 146.0330, -51.2883, -116.6699 Background



This preview shows how black text looks on a background with the YUV color 146.0330, -51.2883, -116.6699.



This preview shows how white text looks on a background with the YUV color 146.0330, -51.2883, -116.6699.

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

146.0330, -51.2883, -116.6699

Protanopia

189.0240, -76.9198, 31.5510

Deuteranopia

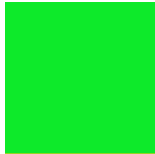
193.5760, -63.8810, 49.4838



Tritanopia

184.0580, 25.1144, -75.4729

Trichromacy



Original Color

146.0330, -51.2883, -116.6699



Protanomaly

173.3870, -67.7318, -22.2644



Deuteranomaly

176.3420, -59.3286, -10.8239



Tritanomaly

170.3310, -2.6282, -90.6213

Monochromacy



Original Color

146.0330, -51.2883, -116.6699



Achromatopsia

146.0000, 0.0000, 0.0000



Achromatomaly

146.1000, -18.7833, -42.1837

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.0330, -51.2883, -116.6699 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(13, 234, 42)` looks like.

```
.text, #text, p{  
    color:rgb(13, 234, 42)  
}
```

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(13, 234, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 234, 42) }
```

Border

The CSS property to change the border of an element to YUV 146.0330, -51.2883, -116.6699 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(13, 234, 42) }
```


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

```
.border{ border-color:rgb(13, 234, 42) }
```

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

Here you see how a box with a 4 pixel rgb(13, 234, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 234, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 234, 42);  
box-shadow:4px 4px 4px 4px rgb(13, 234,  
42) }
```

Background

The CSS property to change the background color of an element to YUV 146.0330, -51.2883, -116.6699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 234, 42) }
```

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

```
.background{ background-color: rgb(13, 234,  
42) }
```

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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