

Converting Colors

YUV(146.1810, -28.6832,
-86.9817)

Have a look what the booklet for
YUV(146.1810, -28.6832, -86.9817)
contains.

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Color

**YUV(146.1810, -28.6832,
-86.9817)**

Conversions

Conversions Part 1

Format	Color
Hex	2FD058
RGB	47, 208, 88
RGB Percent	18%, 82%, 35%
CMY	0.8157, 0.1843, 0.6549
CMYK	0.77, 0.00, 0.58, 0.18
HSL	135°, 63%, 50%
HSV	135°, 77%, 82%
XYZ	25.4896, 46.4207, 16.8492
YIQ	146.1810, -57.4360, -71.4520

Conversions

Conversions Part 2

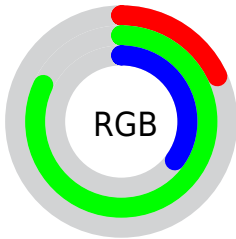
Format	Color
RYB	47, 175, 208
Decimal	3133528
CIELab	73.82, -64.71, 47.48
CIELCh	74, 80.261, 143.729
Yxy	46.4207, 0.2872, 0.5230
Android (android.graphics.Color)	4281323608 (0xFF2FD058)
YUV	146.1810, -28.6832, -86.9817
Hunter-Lab	68.1327, -52.4523, 33.0305

Details

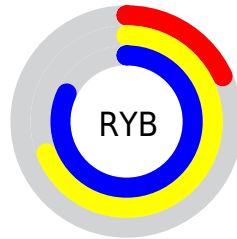
The YUV color **146.1810, -28.6832, -86.9817** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **108.8190, 28.6832, 86.9817**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.3400, -29.7476, -72.2122**, and **93.2140, -28.6995, -81.7487** is the 20% darker color. If you saturate the color by 10%, you get **138.0780, -32.5765, -98.2924**, and if you desaturate by 10%, it is **154.2840, -24.7900, -75.6711**.

Distribution



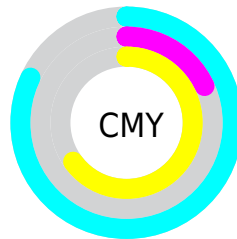
- Red (18%)
- Green (82%)
- Blue (35%)



- Red (18%)
- Yellow (69%)
- Blue (82%)



- Cyan (77%)
- Magenta (0%)
- Yellow (58%)
- Black (18%)



- Cyan (82%)
- Magenta (18%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.1810, -28.6832, -86.9817 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 146.1810, -28.6832, -86.9817 by changing the saturation by 10% instead.

■ 146.1810,
-28.6832, -86.9817

■ 146.1810,
-28.6832, -86.9817

■ 255.0000, 0.0000,
0.0000

■ 112.7280,
-25.0089, -98.8625

■ 201.3400,
-29.7476, -72.2122

■ 93.2140, -28.6995,
-81.7487

■ 213.6870,
-22.5237, -55.8535

■ 73.3750, -36.1739,
-64.3499

■ 225.8490,
-14.7156, -40.2096

■ 58.1130, -28.6497,
-50.9651

■ 238.4240, -6.6180,
-24.0508

■ 42.8510, -21.1255,
-37.5803

■ 250.9990, 1.4795,
-7.8921

■ 29.3500, -14.4695,
-25.7399

■ 12.9140, -6.3666,

-11.3256

■ 0.0000, 0.0000,
0.0000

■ 146.1810,
-28.6832, -86.9817

■ 146.1810,
-28.6832, -86.9817

■ 138.0780,
-32.5765, -98.2924

■ 154.2840,
-24.7900, -75.6711

■ 130.0890,
-36.0329, -109.7031

■ 162.2730,
-21.3336, -64.2604

■ 128.1380,
-37.0430, -112.3770

■ 170.0770,
-17.2930, -53.5645

■ 178.0660,
-13.8365, -42.1539

■ 186.1690, -9.9433,
-30.8432

■ 194.1580, -6.4869,
-19.4326

■ 202.2610, -2.5937,
-8.1219

■ 209.9510, 1.0102,
2.6740

■ 218.0540, 4.9034,
13.9846

Harmonies

Analogous

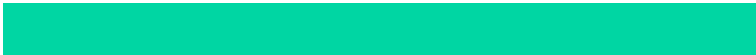
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



162.9890, -77.3956, -2.6214



146.1810, -28.6832, -86.9817



144.2000, 9.2684, -126.4634

Triad

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



146.1810, -28.6832, -86.9817



143.5350, 54.9522, -125.8802



156.4670, -14.5272, 86.4134

Complementary

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



146.1810, -28.6832, -86.9817



108.8190, 28.6832, 86.9817

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.



161.2670, 19.0954, 82.2038



146.1810, -28.6832, -86.9817



172.5250, 40.6602, -21.5084

Square

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



146.1810, -28.6832, -86.9817



152.3400, 50.6114, -133.6022



183.9730, 35.0163, 62.2907



166.4390, -52.4744, 77.6680

Rectangle

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



146.1810, -28.6832, -86.9817



150.6010, 31.2557, -132.0771



183.9730, 35.0163, 62.2907



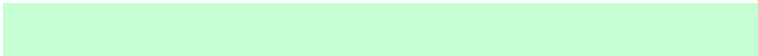
155.6810, -2.3077, 87.1028

Sweetspot

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



146.1810, -28.6832, -86.9817



232.3430, -10.5221, -31.8728



177.6860, -64.4282, -8.4946



114.1580, -6.4869, -19.4326



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.



146.1810, -28.6832, -86.9817



163.9590, -42.3778, -128.0060



155.3010, 6.2606, -94.9800



100.7990, -1.8729, -5.9627



103.5180, -29.8354, -90.7853



25.2070, -7.4971, -22.1065

Inverse Universe

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



108.8190, 28.6832, 86.9817



109.0410, 42.3778, 128.0060



99.6990, -6.2606, 94.9800



98.2010, 1.8729, 5.9627



64.4820, 29.8354, 90.7853



15.6790, 7.0603, 22.2065

Previews

White Background



This preview shows how the YUV color 146.1810, -28.6832, -86.9817 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 146.1810, -28.6832, -86.9817 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 146.1810, -28.6832, -86.9817 Background



This preview shows how black text looks on a background with the YUV color 146.1810, -28.6832, -86.9817.



This preview shows how white text looks on a background with the YUV color 146.1810, -28.6832, -86.9817.

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

146.1810, -28.6832, -86.9817

Protanopia

174.4660, -47.0647, 22.3933

Deuteranopia

177.3290, -39.1092, 37.4225



Tritanopia

166.0270, 22.1717, -64.9217

Trichromacy



Original Color

146.1810, -28.6832, -86.9817



Protanomaly

163.9340, -40.3935, -17.4821



Deuteranomaly

165.6670, -35.3318, -7.6010



Tritanomaly

159.0480, 3.4273, -72.8331

Monochromacy



Original Color

146.1810, -28.6832, -86.9817



Achromatopsia

146.0000, 0.0000, 0.0000



Achromatomaly

146.3430, -10.5221, -31.8728

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.1810, -28.6832, -86.9817 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(47, 208, 88)` looks like.

```
.text, #text, p{  
    color:rgb(47, 208, 88)  
}
```

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(47, 208, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 208, 88) }
```

Border

The CSS property to change the border of an element to YUV 146.1810, -28.6832, -86.9817 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(47, 208, 88) }
```


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

```
.border{ border-color:rgb(47, 208, 88) }
```

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

Here you see how a box with a 4 pixel rgb(47, 208, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 208, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 208, 88);  
box-shadow:4px 4px 4px 4px rgb(47, 208,  
88) }
```

Background

The CSS property to change the background color of an element to YUV 146.1810, -28.6832, -86.9817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 208, 88) }
```

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

```
.background{ background-color: rgb(47, 208,  
88) }
```

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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