

Converting Colors

YUV(146.7410, -18.1133,
-117.2909)

Have a look what the booklet for
YUV(146.7410, -18.1133, -117.2909)
contains.

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Color

**YUV(146.7410, -18.1133,
-117.2909)**

Conversions

Conversions Part 1

Format	Color
Hex	0DDE6E
RGB	13, 222, 110
RGB Percent	5%, 87%, 43%
CMY	0.9490, 0.1294, 0.5686
CMYK	0.94, 0.00, 0.50, 0.13
HSL	148°, 89%, 46%
HSV	148°, 94%, 87%
XYZ	29.1017, 53.4539, 23.5357
YIQ	146.7410, -88.6120, -79.1400

Conversions

Conversions Part 2

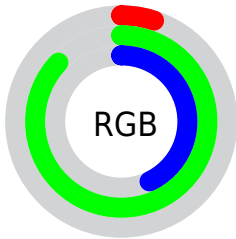
Format	Color
RYB	13, 156, 222
Decimal	908910
CIELab	78.14, -68.79, 42.29
CIELCh	78, 80.743, 148.419
Yxy	53.4539, 0.2743, 0.5038
Android (android.graphics.Color)	4279098990 (0xFF0DDE6E)
YUV	146.7410, -18.1133, -117.2909
Hunter-Lab	73.1122, -56.8958, 32.0924

Details

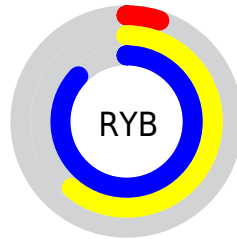
The YUV color **146.7410, -18.1133, -117.2909** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **88.2590, 18.1133, 117.2909**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.8580, -18.6640, -80.5595**, and **103.5810, -21.9784, -90.8405** is the 20% darker color. If you saturate the color by 10%, you get **142.0560, -19.2546, -124.5831**, and if you desaturate by 10%, it is **154.6870, -16.1147, -104.9655**.

Distribution



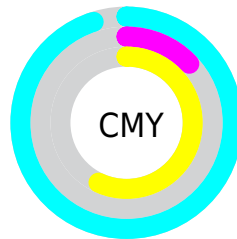
- Red (5%)
- Green (87%)
- Blue (43%)



- Red (5%)
- Yellow (61%)
- Blue (87%)



- Cyan (94%)
- Magenta (0%)
- Yellow (50%)
- Black (13%)



- Cyan (95%)
- Magenta (13%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.7410, -18.1133, -117.2909 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 146.7410, -18.1133, -117.2909 by changing the saturation by 10% instead.

■ 146.7410,
-18.1133, -117.2909

■ 146.7410,
-18.1133, -117.2909

■ 255.0000, 0.0000,
0.0000

■ 122.8670,
-19.1614, -107.7544

■ 200.8580,
-18.6640, -80.5595

■ 103.5810,
-21.9784, -90.8405

■ 213.9170,
-11.2981, -63.0712

■ 84.7680, -25.5216,
-74.3415

■ 226.6770, -3.7848,
-46.1977

■ 65.2710, -31.6856,
-57.2427

■ 239.2520, 4.3128,
-30.0390

■ 49.8950, -24.5982,
-43.7579

■ 249.3190, 2.8007,
-11.6808

■ 35.2200, -17.3635,
-30.8879

■ 20.5450, -10.1287,

-18.0180

■ 0.0000, 0.0000,
0.0000

■ 146.7410,
-18.1133, -117.2909

■ 146.7410,
-18.1133, -117.2909

■ 142.0560,
-19.2546, -124.5831

■ 154.6870,
-16.1147, -104.9655

■ 162.6330,
-14.1161, -92.6401

■ 170.8780,
-12.2649, -79.7000

■ 178.8240,
-10.2662, -67.3746

■ 186.6560, -8.7044,
-54.9493

■ 194.6020, -6.7058,
-42.6240

■ 202.5480, -4.7072,
-30.2986

■ 210.7930, -2.8559,
-17.3585

■ 218.7390, -0.8573,
-5.0331

Harmonies

Analogous

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



175.3710, -66.7379, -14.3574



146.7410, -18.1133, -117.2909



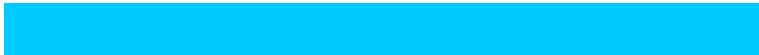
155.1540, 15.7001, -136.0701

Triad

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



146.7410, -18.1133, -117.2909



148.2310, 52.6371, -129.9986



165.7450, -19.5943, 78.2766

Complementary

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



146.7410, -18.1133, -117.2909



88.2590, 18.1133, 117.2909

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.



168.3110, 15.6227, 76.0263



146.7410, -18.1133, -117.2909



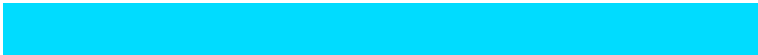
186.5120, 33.7646, -3.0800

Square

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



146.7410, -18.1133, -117.2909



158.2100, 47.7175, -138.7502



187.4950, 33.2800, 59.2019



176.5320, -56.9573, 68.8164

Rectangle

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



146.7410, -18.1133, -117.2909



161.0820, 38.4136, -141.2689



187.4950, 33.2800, 59.2019



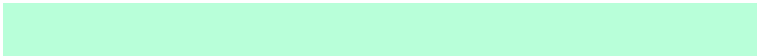
164.3720, -7.0854, 79.4808

Sweetspot

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



146.7410, -18.1133, -117.2909



229.4390, -6.1324, -39.8500



170.0680, -77.4345, -36.8936



112.1080, -3.9972, -24.6507



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.



146.7410, -18.1133, -117.2909



163.1370, -22.2525, -143.0711



158.3690, 26.4401, -127.4886



108.0270, -0.9993, -6.1627



112.6600, -15.1154, -98.8028



30.6840, -4.2812, -26.9099

Inverse Universe

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



88.2590, 18.1133, 117.2909



91.8630, 22.2525, 143.0711



76.6310, -26.4401, 127.4886



104.9730, 0.9993, 6.1627



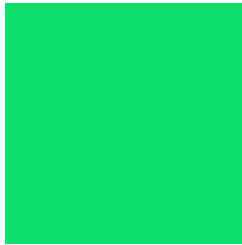
63.3400, 15.1154, 98.8028



17.3160, 4.2812, 26.9099

Previews

White Background



This preview shows how the YUV color 146.7410, -18.1133, -117.2909 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 146.7410, -18.1133, -117.2909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

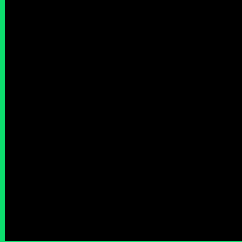
Any Text WCAG AA ✓ Pass

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 146.7410, -18.1133, -117.2909 Background



This preview shows how black text looks on a background with the YUV color 146.7410, -18.1133, -117.2909.



This preview shows how white text looks on a background with the YUV color 146.7410, -18.1133, -117.2909.

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

146.7410, -18.1133, -117.2909

Protanopia

187.0790, -43.4229, 20.9787

Deuteranopia

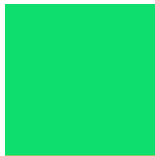
190.1700, -34.5938, 35.8079



Tritanopia

174.1610, 25.5566, -77.3172

Trichromacy



Original Color

146.7410, -18.1133, -117.2909



Protanomaly

172.4640, -34.2458, -29.3479



Deuteranomaly

174.3110, -28.7473, -19.5667



Tritanomaly

164.2350, 9.7441, -92.2911

Monochromacy



Original Color

146.7410, -18.1133, -117.2909



Achromatopsia

147.0000, 0.0000, 0.0000



Achromatomaly

146.7160, -6.2690, -42.7239

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.7410, -18.1133, -117.2909 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, 222, 110)` looks like.

```
.text, #text, p{  
    color:rgb(13, 222, 110)  
}
```

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, 222, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 222, 110) }
```

Border

The CSS property to change the border of an element to YUV 146.7410, -18.1133, -117.2909 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, 222, 110) }
```


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

```
.border{ border-color:rgb(13, 222, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 222, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 222, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 222, 110);  
box-shadow:4px 4px 4px 4px rgb(13, 222,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 146.7410, -18.1133, -117.2909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 222, 110) }
```

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

```
.background{ background-color: rgb(13, 222,  
110) }
```

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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