

Converting Colors

YUV(113.4810, -13.5481,
-88.1218)

Have a look what the booklet for
YUV(113.4810, -13.5481, -88.1218)
contains.

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Color

**YUV(113.4810, -13.5481,
-88.1218)**

Conversions

Conversions Part 1

Format	Color
Hex	0DAA56
RGB	13, 170, 86
RGB Percent	5%, 67%, 34%
CMY	0.9490, 0.3333, 0.6627
CMYK	0.92, 0.00, 0.49, 0.33
HSL	148°, 86%, 36%
HSV	148°, 92%, 67%
XYZ	16.2204, 29.5069, 13.6446
YIQ	113.4810, -66.6080, -59.4080

Conversions

Conversions Part 2

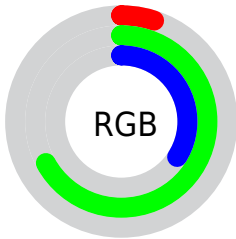
Format	Color
RYB	13, 120, 170
Decimal	895574
CIELab	61.23, -55.53, 33.07
CIELCh	61, 64.632, 149.230
Yxy	29.5069, 0.2732, 0.4970
Android (android.graphics.Color)	4279085654 (0xFF0DAA56)
YUV	113.4810, -13.5481, -88.1218
Hunter-Lab	54.3203, -41.7591, 23.1312

Details

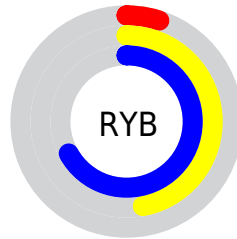
The YUV color **113.4810, -13.5481, -88.1218** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **69.5190, 13.5481, 88.1218**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.6850, -19.5647, -71.6377**, and **72.4240, -16.9710, -63.5158** is the 20% darker color. If you saturate the color by 10%, you get **108.7960, -14.6894, -95.4141**, and if you desaturate by 10%, it is **119.5900, -12.1229, -78.5704**.

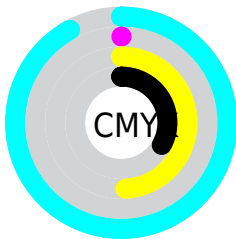
Distribution



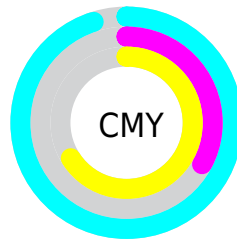
- Red (5%)
- Green (67%)
- Blue (34%)



- Red (5%)
- Yellow (47%)
- Blue (67%)



- Cyan (92%)
- Magenta (0%)
- Yellow (49%)
- Black (33%)



- Cyan (95%)
- Magenta (33%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.4810, -13.5481, -88.1218 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 113.4810, -13.5481, -88.1218 by changing the saturation by 10% instead.

■ 113.4810,
-13.5481, -88.1218

■ 113.4810,
-13.5481, -88.1218

■ 255.0000, 0.0000,
0.0000

■ 91.0090, -14.3014,
-79.8149

■ 176.6850,
-19.5647, -71.6377

■ 72.4240, -16.9710,
-63.5158

■ 205.7560,
-20.5857, -70.8230

■ 54.3120, -20.3668,
-47.6316

■ 217.8040,
-13.2144, -55.0791

■ 38.1550, -18.8104,
-33.4619

■ 229.9660, -5.4062,
-39.4352

■ 25.2410, -12.4438,
-22.1364

■ 242.2420, 2.8387,
-23.8912

■ 4.6960, -2.3151,
-4.1184

■ 252.0100, 1.4741,

■ 0.0000, 0.0000,

-6.1478

0.0000

■ 113.4810,
-13.5481, -88.1218

■ 113.4810,
-13.5481, -88.1218

■ 108.7960,
-14.6894, -95.4141

■ 119.5900,
-12.1229, -78.5704

■ 125.6990,
-10.6976, -69.0190

■ 131.8080, -9.2723,
-59.4676

■ 137.9170, -7.8471,
-49.9162

■ 144.0260, -6.4218,
-40.3648

■ 150.2490, -4.5598,
-30.9134

■ 156.3580, -3.1345,
-21.3620

■ 162.4670, -1.7092,
-11.8106

■ 168.5760, -0.2840,
-2.2592

Harmonies

Analogous

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



134.6760, -49.1403, -11.9939



113.4810, -13.5481, -88.1218



118.5540, 12.5449, -103.9719

Triad

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



113.4810, -13.5481, -88.1218



120.0550, 66.5279, -105.2882



142.7960, -23.5634, 91.3869

Complementary

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



113.4810, -13.5481, -88.1218



69.5190, 13.5481, 88.1218

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.



144.5980, 3.6492, 89.8066



113.4810, -13.5481, -88.1218



149.3990, 48.6103, -4.7349

Square

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



113.4810, -13.5481, -88.1218



126.6600, 58.8346, -111.0808



150.6920, 27.7598, 56.3981



142.9370, -47.7899, 68.4613

Rectangle

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



113.4810, -13.5481, -88.1218



123.7010, 29.7274, -108.4858



150.6920, 27.7598, 56.3981



142.9240, -14.2595, 93.9057

Sweetspot

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



113.4810, -13.5481, -88.1218



199.7000, -5.2751, -34.8169



130.8730, -58.1114, -27.9526



98.3580, -3.1345, -21.3620



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



113.4810, -13.5481, -88.1218



142.0560, -19.2546, -124.5831



122.1450, 19.6485, -95.7202



81.1520, -0.5679, -4.5183



94.7420, -12.6908, -83.0887



12.7660, -1.8566, -11.1958

Inverse Universe

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



69.5190, 13.5481, 88.1218



79.9440, 19.2546, 124.5831



60.8550, -19.6485, 95.7202



78.8480, 0.5679, 4.5183



53.2580, 12.6908, 83.0887



7.2340, 1.8566, 11.1958

Previews

White Background



This preview shows how the YUV color 113.4810, -13.5481, -88.1218 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 113.4810, -13.5481, -88.1218 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 113.4810, -13.5481, -88.1218 Background



This preview shows how black text looks on a background with the YUV color 113.4810, -13.5481, -88.1218.



This preview shows how white text looks on a background with the YUV color 113.4810, -13.5481, -88.1218.

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

113.4810, -13.5481, -88.1218

Protanopia

143.6190, -32.3502, 16.1201

Deuteranopia

145.7050, -25.9836, 27.4457



Tritanopia

133.3760, 19.5346, -59.0888

Trichromacy



Original Color

113.4810, -13.5481, -88.1218



Protanomaly

132.5110, -25.3949, -21.4961



Deuteranomaly

133.8800, -21.6328, -14.8038



Tritanomaly

126.3950, 7.2003, -69.6294

Monochromacy



Original Color

113.4810, -13.5481, -88.1218



Achromatopsia

113.0000, 0.0000, 0.0000



Achromatomaly

113.4230, -5.1385, -31.9430

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.4810, -13.5481, -88.1218 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, 170, 86)` looks like.

```
.text, #text, p{  
    color:rgb(13, 170, 86)  
}
```

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, 170, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 170, 86) }
```

Border

The CSS property to change the border of an element to YUV 113.4810, -13.5481, -88.1218 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, 170, 86) }
```


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

```
.border{ border-color:rgb(13, 170, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 170, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 170, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 170, 86);  
box-shadow:4px 4px 4px 4px rgb(13, 170,  
86) }
```

Background

The CSS property to change the background color of an element to YUV 113.4810, -13.5481, -88.1218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 170, 86) }
```

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

```
.background{ background-color: rgb(13, 170,  
86) }
```

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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