

# Converting Colors

YUV(144.6180, -18.0527,  
-89.9960)

Have a look what the booklet for  
YUV(144.6180, -18.0527, -89.9960)  
contains.

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# Color

**YUV(144.6180, -18.0527,  
-89.9960)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2ACC6C
RGB	42, 204, 108
RGB Percent	16%, 80%, 42%
CMY	0.8353, 0.2000, 0.5765
CMYK	0.79, 0.00, 0.47, 0.20
HSL	144°, 66%, 48%
HSV	144°, 79%, 80%
XYZ	25.2545, 44.7607, 21.4960
YIQ	144.6180, -65.7360, -64.2000

# Conversions

## Conversions Part 2

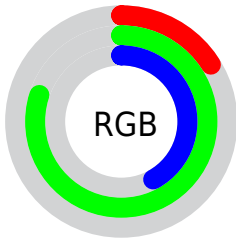
Format	Color
<a href="#">RYB</a>	42, 157, 204
Decimal	2804844
CIELab	72.73, -61.03, 36.53
CIELCh	73, 71.131, 149.095
Yxy	44.7607, 0.2760, 0.4891
Android (android.graphics.Color)	4280994924 (0xFF2ACC6C)
YUV	144.6180, -18.0527, -89.9960
Hunter-Lab	66.9034, -49.7014, 27.7826

# Details

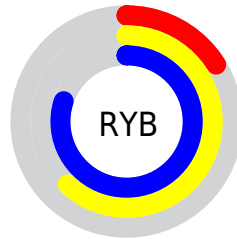
The YUV color **144.6180, -18.0527, -89.9960** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **101.3820, 18.0527, 89.9960**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.1250, -20.2746, -77.2856**, and **93.4880, -17.4956, -81.9890** is the 20% darker color. If you saturate the color by 10%, you get **137.2700, -20.3461, -101.0918**, and if you desaturate by 10%, it is **151.9660, -15.7592, -78.9002**.

# Distribution



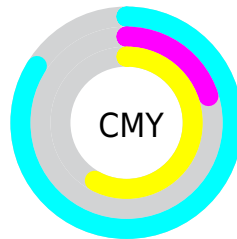
- Red (16%)
- Green (80%)
- Blue (42%)



- Red (16%)
- Yellow (62%)
- Blue (80%)



- Cyan (79%)
- Magenta (0%)
- Yellow (47%)
- Black (20%)



- Cyan (84%)
- Magenta (20%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 144.6180, -18.0527, -89.9960 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 144.6180, -18.0527, -89.9960 by changing the saturation by 10% instead.



■ 144.6180,  
-18.0527, -89.9960

■ 144.6180,  
-18.0527, -89.9960

■ 255.0000, 0.0000,  
0.0000

■ 112.7740,  
-14.6786, -98.9028

■ 202.1250,  
-20.2746, -77.2856

■ 93.4880, -17.4956,  
-81.9890

■ 214.7710,  
-13.1981, -60.3122

■ 74.7890, -20.6020,  
-65.5900

■ 226.9330, -5.3900,  
-44.6682

■ 56.4490, -24.8714,  
-49.5058

■ 239.2090, 2.8550,  
-29.1243

■ 41.0900, -20.2574,  
-36.0359

■ 249.6180, 2.6533,  
-11.0660

■ 27.5890, -13.6014,  
-24.1956

■ 9.9790, -4.9196,

-8.7516

■ 0.0000, 0.0000,  
0.0000

■ 144.6180,  
-18.0527, -89.9960

■ 144.6180,  
-18.0527, -89.9960

■ 137.2700,  
-20.3461, -101.0918

■ 151.9660,  
-15.7592, -78.9002

■ 129.6230,  
-22.4921, -112.8024

■ 159.6130,  
-13.6132, -67.1896

■ 129.2100,  
-22.7815, -113.3172

■ 166.9610,  
-11.3198, -56.0938

■ 174.6080, -9.1737,  
-44.3832

■ 181.9560, -6.8803,  
-33.2874

■ 189.4180, -4.1501,  
-22.2916

■ 197.0650, -2.0040,  
-10.5810

■ 204.4130, 0.2894,  
0.5148

■ 212.0600, 2.4354,  
12.2254

# Harmonies

## Analogous

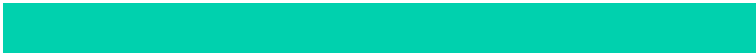
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



163.7700, -55.1026, -12.9533



144.6180, -18.0527, -89.9960



142.5190, 15.5201, -124.9892

# Triad

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



144.6180, -18.0527, -89.9960



138.8390, 57.2674, -121.7618



162.5990, -21.4943, 81.0357

# Complementary

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



144.6180, -18.0527, -89.9960



101.3820, 18.0527, 89.9960

# 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.



164.6120, 9.0653, 79.2703



144.6180, -18.0527, -89.9960



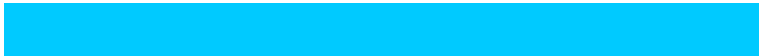
176.1900, 38.8533, -1.9206

# Square

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



144.6180, -18.0527, -89.9960



147.6440, 52.9265, -129.4838



182.3600, 31.3745, 63.7053



171.0040, -52.7530, 73.6645

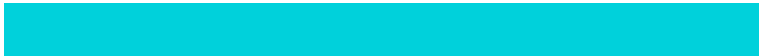


# Rectangle

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



144.6180, -18.0527, -89.9960



147.6490, 35.1760, -129.4882



182.3600, 31.3745, 63.7053



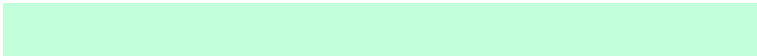
161.4710, -10.5852, 82.0249

# Sweetspot

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



144.6180, -18.0527, -89.9960



232.6570, -6.7329, -33.9022



166.0970, -61.1798, -23.7641



114.4290, -4.1555, -20.5472



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.



144.6180, -18.0527, -89.9960



166.2260, -27.2264, -134.3792



153.7380, 16.8912, -97.9942



98.3260, -1.1467, -5.5479



105.1940, -18.3366, -92.2551



24.1300, -4.0081, -21.1620



# Inverse Universe

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



101.3820, 18.0527, 89.9960



101.6600, 26.7896, 134.4792



92.2620, -16.8912, 97.9942



95.6740, 1.1467, 5.5479



60.8060, 18.3366, 92.2551



13.9840, 4.4449, 21.0620



# Previews

## White Background



This preview shows how the YUV color 144.6180, -18.0527, -89.9960 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

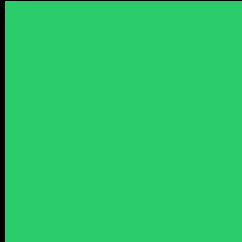
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 144.6180, -18.0527, -89.9960 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 144.6180, -18.0527, -89.9960 Background



This preview shows how black text looks on a background with the YUV color 144.6180, -18.0527, -89.9960.



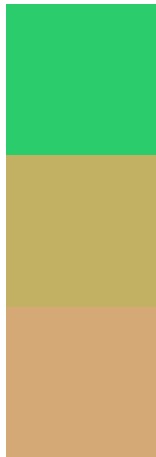
This preview shows how white text looks on a background with the YUV color 144.6180, -18.0527, -89.9960.

-89.9960.

# 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

144.6180, -18.0527, -89.9960

### Protanopia

173.0770, -37.0130, 18.3495

### Deuteranopia

175.9290, -29.0520, 31.6343



## Tritanopia

162.7170, 22.3245, -67.2808

# Trichromacy



## Original Color

144.6180, -18.0527, -89.9960



## Protanomaly

162.9580, -30.0523, -21.0112



## Deuteranomaly

164.6800, -24.9852, -12.8744



## Tritanomaly

156.1770, 7.8007, -75.5772

# Monochromacy



## Original Color

144.6180, -18.0527, -89.9960



## Achromatopsia

145.0000, 0.0000, 0.0000



## Achromatomaly

144.7820, -6.3015, -32.2578

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 144.6180, -18.0527, -89.9960 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(42, 204, 108)` looks like.

```
.text, #text, p{  
    color:rgb(42, 204, 108)  
}
```

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(42, 204, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 204, 108) }
```

## Border

The CSS property to change the border of an element to YUV 144.6180, -18.0527, -89.9960 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(42, 204, 108) }
```



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

```
.border{ border-color:rgb(42, 204, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 204, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 204, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 204, 108);  
box-shadow:4px 4px 4px 4px rgb(42, 204,  
108) }
```

# Background

The CSS property to change the background color of an element to YUV 144.6180, -18.0527, -89.9960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 204, 108) }
```

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

```
.background{ background-color: rgb(42, 204,  
108) }
```

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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