

# Converting Colors

YUV(139.6830, -29.9167,  
-64.6200)

Have a look what the booklet for  
YUV(139.6830, -29.9167, -64.6200)  
contains.

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# Color

**YUV(139.6830, -29.9167,  
-64.6200)**

# Conversions

## Conversions Part 1

Format	Color
Hex	42BD4F
RGB	66, 189, 79
RGB Percent	26%, 74%, 31%
CMY	0.7412, 0.2588, 0.6902
CMYK	0.65, 0.00, 0.58, 0.26
HSL	126°, 48%, 50%
HSV	126°, 65%, 74%
XYZ	21.8556, 38.1180, 13.6027
YIQ	139.6830, -37.9980, -60.2860

# Conversions

## Conversions Part 2

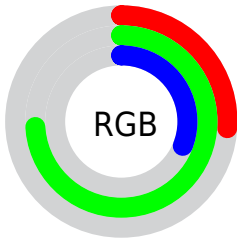
Format	Color
<a href="#">RYB</a>	<a href="#">66, 177, 189</a>
Decimal	<a href="#">4373839</a>
CIELab	<a href="#">68.11, -56.21, 45.03</a>
CIELCh	<a href="#">68, 72.024, 141.301</a>
Yxy	<a href="#">38.1180, 0.2970, 0.5181</a>
Android (android.graphics.Color)	<a href="#">4282563919 (0xFF42BD4F)</a>
YUV	<a href="#">139.6830, -29.9167, -64.6200</a>
Hunter-Lab	<a href="#">61.7397, -44.8562, 30.1548</a>

# Details

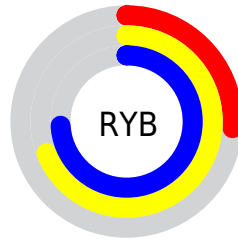
The YUV color **139.6830, -29.9167, -64.6200** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **115.3170, 29.9167, 64.6200**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.6080, -32.8377, -61.0462**, and **81.6220, -27.4216, -71.5825** is the 20% darker color. If you saturate the color by 10%, you get **132.0640, -34.5416, -74.6011**, and if you desaturate by 10%, it is **147.3020, -25.2919, -54.6389**.

# Distribution



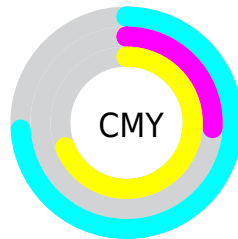
- Red (26%)
- Green (74%)
- Blue (31%)



- Red (26%)
- Yellow (69%)
- Blue (74%)



- Cyan (65%)
- Magenta (0%)
- Yellow (58%)
- Black (26%)



- Cyan (74%)
- Magenta (26%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 139.6830, -29.9167, -64.6200 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 139.6830, -29.9167, -64.6200 by changing the saturation by 10% instead.



■ 139.6830,  
-29.9167, -64.6200

■ 139.6830,  
-29.9167, -64.6200

■ 255.0000, 0.0000,  
0.0000

■ 108.3230,  
-27.2742, -72.1973

■ 197.6080,  
-32.8377, -61.0462

■ 81.6220, -27.4216,  
-71.5825

■ 214.6400,  
-27.9235, -50.5503

■ 63.3960, -31.2542,  
-55.5983

■ 226.5030,  
-19.9680, -35.5211

■ 48.7210, -24.0195,  
-42.7283

■ 238.6650,  
-12.1598, -19.8772

■ 34.0460, -16.7847,  
-29.8583

■ 250.9410, -3.9149,  
-4.3333

■ 20.5450, -10.1287,  
-18.0180

■ 0.0000, 0.0000,

0.0000

■ 139.6830,  
-29.9167, -64.6200

■ 139.6830,  
-29.9167, -64.6200

■ 132.0640,  
-34.5416, -74.6011

■ 147.3020,  
-25.2919, -54.6389

■ 124.4450,  
-39.1664, -84.5823

■ 154.9210,  
-20.6671, -44.6577

■ 116.8260,  
-43.7912, -94.5634

■ 162.5400,  
-16.0422, -34.6766

■ 113.2230,  
-45.9589, -99.2966

■ 170.1590,  
-11.4174, -24.6954

■ 177.7780, -6.7926,  
-14.7143

■ 184.9840, -2.4571,  
-5.2480

■ 192.6030, 2.1677,  
4.7332

■ 200.2220, 6.7926,  
14.7143

■ 207.8410, 11.4174,  
24.6954

# Harmonies

## Analogous

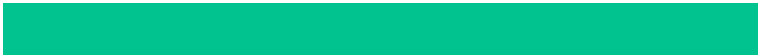
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



151.8120, -65.4763, 1.0419



139.6830, -29.9167, -64.6200



130.8810, 6.4677, -114.7826

# Triad

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



139.6830, -29.9167, -64.6200



134.1430, 59.5825, -117.6434



151.9020, -14.2487, 90.4169

# Complementary

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



139.6830, -29.9167, -64.6200



115.3170, 29.9167, 64.6200

# 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.



158.1380, 14.7220, 84.9480



139.6830, -29.9167, -64.6200



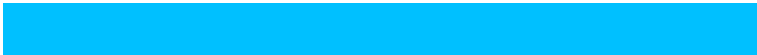
159.2020, 47.2284, -28.2412

# Square

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



139.6830, -29.9167, -64.6200



141.7740, 55.8204, -124.3358



170.3950, 38.2593, 48.7656



159.2640, -46.9652, 83.9605

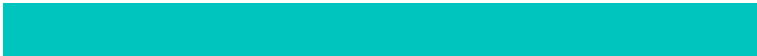


# Rectangle

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



139.6830, -29.9167, -64.6200



136.7120, 26.2710, -119.8964



170.3950, 38.2593, 48.7656



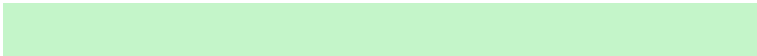
151.9480, -3.9184, 90.3766

# Sweetspot

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



139.6830, -29.9167, -64.6200



225.3330, -11.9962, -25.7250



171.3900, -51.9573, 4.9200



110.3650, -7.0819, -15.2291



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000



# Same Dimension

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



139.6830, -29.9167, -64.6200



168.3970, -46.5377, -100.3262



146.6370, -3.2720, -70.7186



90.3970, -2.1677, -4.7332



94.6840, -38.2982, -83.0379



18.5390, -7.6607, -16.2587



# Inverse Universe

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



115.3170, 29.9167, 64.6200



130.6030, 46.5377, 100.3262



108.3630, 3.2720, 70.7186



88.6030, 2.1677, 4.7332



63.3160, 38.2982, 83.0379



12.3470, 7.2239, 16.3587



# Previews

## White Background



This preview shows how the YUV color 139.6830, -29.9167, -64.6200 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 139.6830, -29.9167, -64.6200 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 139.6830, -29.9167, -64.6200 Background



This preview shows how black text looks on a background with the YUV color 139.6830, -29.9167, -64.6200.



This preview shows how white text looks on a background with the YUV color 139.6830, -29.9167, -64.6200.

-64.6200.

# 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

139.6830, -29.9167, -64.6200

### Protanopia

159.7800, -43.2755, 20.3639

### Deuteranopia

162.5890, -36.7724, 34.5634



## Tritanopia

154.7900, 18.3445, -50.6818

# Trichromacy



## Original Color

139.6830, -29.9167, -64.6200



## Protanomaly

152.5480, -38.2312, -11.0046



## Deuteranomaly

154.6400, -34.3325, -1.4383



## Tritanomaly

149.1750, 0.8997, -55.4045

# Monochromacy



## Original Color

139.6830, -29.9167, -64.6200



## Achromatopsia

140.0000, 0.0000, 0.0000



## Achromatomaly

139.9850, -10.8386, -23.6658

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 139.6830, -29.9167, -64.6200 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(66, 189, 79)` looks like.

```
.text, #text, p{  
    color:rgb(66, 189, 79)  
}
```

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(66, 189, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 189, 79) }
```

## Border

The CSS property to change the border of an element to YUV 139.6830, -29.9167, -64.6200 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(66, 189, 79) }
```



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

```
.border{ border-color:rgb(66, 189, 79) }
```

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

Here you see how a box with a 4 pixel rgb(66, 189, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 189, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 189, 79);  
box-shadow:4px 4px 4px 4px rgb(66, 189,  
79) }
```

# Background

The CSS property to change the background color of an element to YUV 139.6830, -29.9167, -64.6200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 189, 79) }
```

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

```
.background{ background-color: rgb(66, 189,  
79) }
```

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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