

# Converting Colors

YUV(167.5820, -63.3909,  
-14.5424)

Have a look what the booklet for  
YUV(167.5820, -63.3909, -14.5424)  
contains.

<b>YUV(167.5820, -63.3909, -14.5424)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(167.5820, -63.3909,  
-14.5424)**

# Conversions

## Conversions Part 1

Format	Color
Hex	97C927
RGB	151, 201, 39
RGB Percent	59%, 79%, 15%
CMY	0.4078, 0.2118, 0.8471
CMYK	0.25, 0.00, 0.81, 0.21
HSL	79°, 68%, 47%
HSV	79°, 81%, 79%
XYZ	34.0154, 48.4991, 9.4879
YIQ	167.5820, 22.2020, -60.9820

# Conversions

## Conversions Part 2

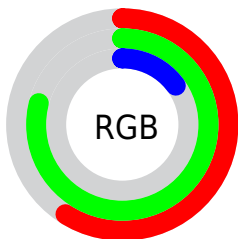
<b>Format</b>	<b>Color</b>
<b>RYB</b>	39, 201, 89
Decimal	9947431
CIELab	75.14, -37.85, 68.47
CIELCh	75, 78.233, 118.934
Yxy	48.4991, 0.3697, 0.5272
Android (android.graphics.Color)	4288137511 (0xFF97C927)
YUV	167.5820, -63.3909, -14.5424
Hunter-Lab	69.6413, -34.6863, 40.6712

# Details

The YUV color **167.5820, -63.3909, -14.5424** is a dark color, and the websafe version is hex **99CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **72.4180, 63.3909, 14.5424**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.4620, -61.3598, -12.6832**, and **114.3950, -56.3967, -17.8864** is the 20% darker color. If you saturate the color by 10%, you get **163.5080, -71.2424, -16.2315**, and if you desaturate by 10%, it is **171.6560, -55.5394, -12.8533**.

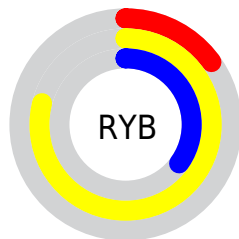
# Distribution



Red (59%)

Green (79%)

Blue (15%)



Red (15%)

Yellow (79%)

Blue (35%)

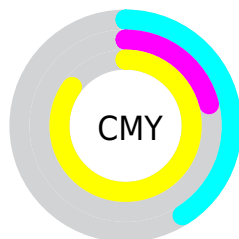


Cyan (25%)

Magenta (0%)

Yellow (81%)

Black (21%)



Cyan (41%)

Magenta (21%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 167.5820, -63.3909, -14.5424 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 167.5820, -63.3909, -14.5424 by changing the saturation by 10% instead.



■ 167.5820,  
-63.3909, -14.5424

■ 167.5820,  
-63.3909, -14.5424

■ 255.0000, 0.0000,  
0.0000

■ 138.3280,  
-68.1957, -13.4427

■ 223.4620,  
-61.3598, -12.6832

■ 114.3950,  
-56.3967, -17.8864

■ 235.6240,  
-53.5516, 2.9608

■ 90.7610, -44.7452,  
-21.7154

■ 243.7140,  
-43.2430, 9.8978

■ 67.4150, -33.2356,  
-26.6740

■ 246.9060,  
-31.0127, 7.0984

■ 41.6770, -20.5468,  
-36.5507

■ 250.2120,  
-18.3455, 4.1991

■ 28.1760, -13.8908,  
-24.7104

■ 253.6320, -5.2416,

■ 15.8490, -7.8136,

1.1997

-13.8996

■ 0.0000, 0.0000,  
0.0000

■ 167.5820,  
-63.3909, -14.5424

■ 167.5820,  
-63.3909, -14.5424

■ 163.5080,  
-71.2424, -16.2315

■ 171.6560,  
-55.5394, -12.8533

■ 159.5480,  
-78.6572, -18.0206

■ 175.7300,  
-47.6879, -11.1642

■ 180.1030,  
-39.9838, -8.8603

■ 184.1770,  
-32.1323, -7.1712

■ 188.3650,  
-23.8439, -5.5821

■ 192.4390,  
-15.9924, -3.8930

■ 196.5130, -8.1409,  
-2.2039

■ 200.8860, -0.4368,  
0.1000

■ 204.9600, 7.4147,  
1.7891

# Harmonies

## Analogous

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



172.6250, -85.1041, 43.3019



167.5820, -63.3909, -14.5424



137.1150, -15.3397, -120.2499

# Triad

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



167.5820, -63.3909, -14.5424



152.9270, 50.3220, -134.1170



163.7630, 13.4278, 80.0148

# Complementary

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



167.5820, -63.3909, -14.5424



72.4180, 63.3909, 14.5424

# 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.



183.9730, 35.0163, 62.2907



167.5820, -63.3909, -14.5424



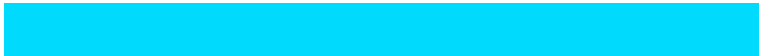
142.9480, 55.2416, -125.3654

# Square

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



167.5820, -63.3909, -14.5424



156.8080, 47.4227, -137.5206



180.3210, 36.8167, -2.0355



161.5390, -20.4787, 81.9653



# Rectangle

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



167.5820, -63.3909, -14.5424



145.0490, 4.9058, -127.2080



180.3210, 36.8167, -2.0355



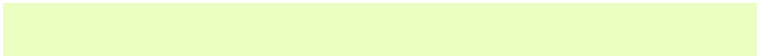
168.8470, 22.7534, 75.5562

# Sweetspot

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



167.5820, -63.3909, -14.5424



242.3650, -23.8439, -5.5821



116.2010, -38.0601, 74.3687



120.1940, -14.3926, -3.6781



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.



167.5820, -63.3909, -14.5424



204.1180, -96.6862, -22.0285



143.6620, -51.5984, -63.7246



97.0770, -3.4890, -0.9445



129.4680, -63.8277, -14.4424



28.6070, -14.1033, -3.1633



# Inverse Universe

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



72.4180, 63.3909, 14.5424



58.8820, 96.6862, 22.0285



96.3380, 51.5984, 63.7246



91.9230, 3.4890, 0.9445



33.5320, 63.8277, 14.4424



7.3930, 14.1033, 3.1633



# Previews

## White Background



This preview shows how the YUV color 167.5820, -63.3909, -14.5424 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 167.5820, -63.3909, -14.5424 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

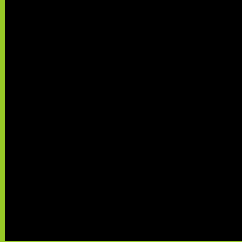
Any Text WCAG AA ✓ Pass

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 167.5820, -63.3909, -14.5424 Background



This preview shows how black text looks on a background with the YUV color 167.5820, -63.3909, -14.5424.



This preview shows how white text looks on a background with the YUV color 167.5820, -63.3909, -14.5424.

-14.5424.

# 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

167.5820, -63.3909, -14.5424

### Protanopia

174.7770, -68.9101, 29.1366

### Deuteranopia

177.7220, -61.9809, 46.7248



## Tritanopia

183.3280, 9.2053, -12.5657

# Trichromacy



## Original Color

167.5820, -63.3909, -14.5424

## Protanomaly

172.1340, -67.1141, 13.0375

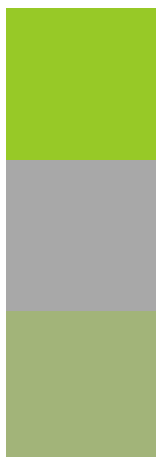
## Deuteranomaly

173.7640, -62.4947, 24.7630

## Tritanomaly

177.4440, -16.9809, -13.5444

# Monochromacy



## Original Color

167.5820, -63.3909, -14.5424

## Achromatopsia

168.0000, 0.0000, 0.0000

## Achromatomaly

167.8920, -23.1178, -5.1673

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 167.5820, -63.3909, -14.5424 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(151, 201, 39)` looks like.

```
.text, #text, p{  
    color:rgb(151, 201, 39)  
}
```

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(151, 201, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 201, 39) }
```

## Border

The CSS property to change the border of an element to YUV 167.5820, -63.3909, -14.5424 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(151, 201, 39) }
```



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

```
.border{ border-color:rgb(151, 201, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 201, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 201, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 201, 39);  
box-shadow:4px 4px 4px 4px rgb(151, 201,  
39) }
```

# Background

The CSS property to change the background color of an element to YUV 167.5820, -63.3909, -14.5424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 201, 39) }
```

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

```
.background{ background-color: rgb(151,  
201, 39) }
```

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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