

Converting Colors

YUV(167.3960, -51.4672,
-59.1063)

Have a look what the booklet for
YUV(167.3960, -51.4672, -59.1063)
contains.

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Color

**YUV(167.3960, -51.4672,
-59.1063)**

Conversions

Conversions Part 1

Format	Color
Hex	64DE3F
RGB	100, 222, 63
RGB Percent	39%, 87%, 25%
CMY	0.6078, 0.1294, 0.7529
CMYK	0.55, 0.00, 0.72, 0.13
HSL	106°, 71%, 56%
HSV	106°, 72%, 87%
XYZ	32.2740, 55.3108, 13.6777
YIQ	167.3960, -21.6730, -75.3130

Conversions

Conversions Part 2

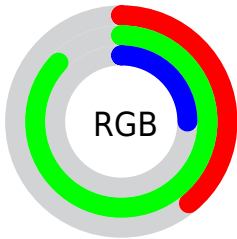
Format	Color
RYB	63, 222, 185
Decimal	6610495
CIELab	79.22, -61.61, 64.01
CIELCh	79, 88.838, 133.904
Yxy	55.3108, 0.3187, 0.5462
Android (android.graphics.Color)	4284800575 (0xFF64DE3F)
YUV	167.3960, -51.4672, -59.1063
Hunter-Lab	74.3712, -52.6880, 41.1558

Details

The YUV color **167.3960, -51.4672, -59.1063** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **117.6040, 51.4672, 59.1063**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.5040, -45.1115, -44.2920**, and **104.0200, -51.2819, -71.9315** is the 20% darker color. If you saturate the color by 10%, you get **159.8050, -58.5709, -67.3580**, and if you desaturate by 10%, it is **174.9870, -44.3636, -50.8546**.

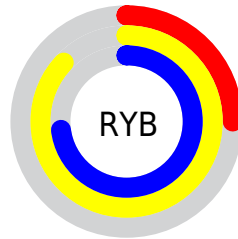
Distribution



Red (39%)

Green (87%)

Blue (25%)



Red (25%)

Yellow (87%)

Blue (73%)

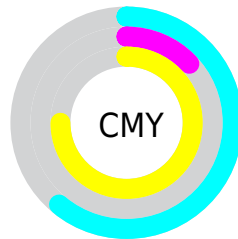


Cyan (55%)

Magenta (0%)

Yellow (72%)

Black (13%)



Cyan (61%)

Magenta (13%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.3960, -51.4672, -59.1063 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 167.3960, -51.4672, -59.1063 by changing the saturation by 10% instead.

■ 167.3960,
-51.4672, -59.1063

■ 167.3960,
-51.4672, -59.1063

255.0000, 0.0000,
0.0000

■ 137.3310,
-52.9142, -61.6803

■ 211.5040,
-45.1115, -44.2920

■ 104.0200,
-51.2819, -71.9315

■ 223.5520,
-37.7401, -28.5481

■ 81.0060, -39.9360,
-71.0423

■ 235.8280,
-29.4952, -13.0042

■ 65.7440, -32.4118,
-57.6575

■ 248.2890,
-21.8345, 3.2545

■ 50.4820, -24.8876,
-44.2727

■ 252.6060, -9.1728,
2.0995

■ 36.3940, -17.9422,
-31.9175

■ 22.3060, -10.9969,

-19.5624

■ 0.0000, 0.0000,
0.0000

■ 167.3960,
-51.4672, -59.1063

■ 167.3960,
-51.4672, -59.1063

■ 159.8050,
-58.5709, -67.3580

■ 174.9870,
-44.3636, -50.8546

■ 152.2140,
-65.6745, -75.6097

■ 182.5780,
-37.2600, -42.6029

■ 145.8620,
-71.9100, -82.3170


■ 190.2830,
-29.7195, -34.4512


■ 197.8740,
-22.6159, -26.1995

■ 205.4650,
-15.5122, -17.9478

 213.0560, -8.4086,
-9.6961

 220.6470, -1.3050,
-1.4444

 228.3520, 6.2355,
6.7073

 235.0310, 9.8447,
15.7588

Harmonies

Analogous

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



179.2490, -88.3698, 17.3216



167.3960, -51.4672, -59.1063



152.3550, -2.6400, -133.6153

Triad

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



167.3960, -51.4672, -59.1063



157.0360, 48.2963, -137.7206



157.9950, 1.4815, 85.0734

Complementary

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



167.3960, -51.4672, -59.1063



117.6040, 51.4672, 59.1063

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.



172.7400, 35.1312, 72.1420



167.3960, -51.4672, -59.1063



164.4870, 44.6229, -79.3571

Square

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



167.3960, -51.4672, -59.1063



164.6670, 44.5342, -144.4130



194.2070, 29.9709, 47.1765



167.4140, -41.1231, 76.8129

Rectangle

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



167.3960, -51.4672, -59.1063



160.7280, 21.8261, -140.9585



194.2070, 29.9709, 47.1765



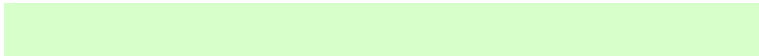
160.0130, 14.2906, 83.3036

Sweetspot

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



167.3960, -51.4672, -59.1063



236.5850, -17.5434, -19.8070



182.1550, -58.7434, 34.9441



116.8770, -10.2924, -12.1701



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.



167.3960, -51.4672, -59.1063



179.8020, -70.8944, -81.3874



161.1210, -27.6677, -86.0521



108.3540, -3.6255, -3.8185



115.5710, -56.9765, -65.3988



31.4650, -15.5122, -17.9478

Inverse Universe

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



117.6040, 51.4672, 59.1063



111.1980, 70.8944, 81.3874



123.8790, 27.6677, 86.0521



104.9450, 3.4781, 4.4332



60.4290, 56.9765, 65.3988



16.5350, 15.5122, 17.9478

Previews

White Background



This preview shows how the YUV color 167.3960, -51.4672, -59.1063 looks on a white background.

Color Contrast Check

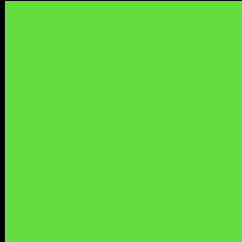
Large Text (above 18pt) WCAG AA × Fail

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 167.3960, -51.4672, -59.1063 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

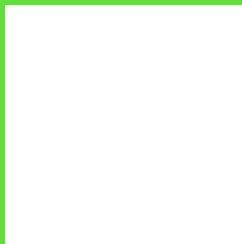
Any Text WCAG AAA ✓ Pass

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

YUV 167.3960, -51.4672, -59.1063 Background



This preview shows how black text looks on a background with the YUV color 167.3960, -51.4672, -59.1063.



This preview shows how white text looks on a background with the YUV color 167.3960, -51.4672, -59.1063.

-59.1063.

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

167.3960, -51.4672, -59.1063

Protanopia

186.0310, -64.1053, 28.0368

Deuteranopia

189.7310, -55.5764, 45.8399



Tritanopia

186.2140, 18.6285, -48.4227

Trichromacy



Original Color

167.3960, -51.4672, -59.1063

Protanomaly

179.3860, -59.3503, -3.8465

Deuteranomaly

181.2440, -53.8573, 7.6790

Tritanomaly

179.1340, -6.9681, -51.8605

Monochromacy



Original Color

167.3960, -51.4672, -59.1063

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

167.2320, -18.8484, -21.2515

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.3960, -51.4672, -59.1063 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(100, 222, 63)` looks like.

```
.text, #text, p{  
    color:rgb(100, 222, 63)  
}
```

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(100, 222, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 222, 63) }
```

Border

The CSS property to change the border of an element to YUV 167.3960, -51.4672, -59.1063 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(100, 222, 63) }
```


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

```
.border{ border-color:rgb(100, 222, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 222, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 222, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 222, 63);  
box-shadow:4px 4px 4px 4px rgb(100, 222,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 167.3960, -51.4672, -59.1063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 222, 63) }
```

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

```
.background{ background-color: rgb(100,  
222, 63) }
```

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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