

Converting Colors

YUV(169.1900, -15.3767,
-61.5566)

Have a look what the booklet for
YUV(169.1900, -15.3767, -61.5566)
contains.

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Color

**YUV(169.1900, -15.3767,
-61.5566)**

Conversions

Conversions Part 1

Format	Color
Hex	63D38A
RGB	99, 211, 138
RGB Percent	39%, 83%, 54%
CMY	0.6118, 0.1725, 0.4588
CMYK	0.53, 0.00, 0.35, 0.17
HSL	141°, 56%, 61%
HSV	141°, 53%, 83%
XYZ	33.0273, 51.0762, 32.1627
YIQ	169.1900, -43.3190, -46.4470

Conversions

Conversions Part 2

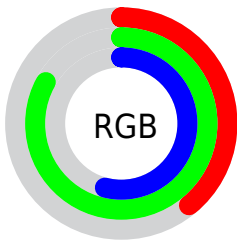
Format	Color
RYB	99, 182, 211
Decimal	6542218
CIELab	76.73, -48.16, 26.67
CIElCh	77, 55.052, 151.019
Yxy	51.0762, 0.2841, 0.4393
Android (android.graphics.Color)	4284732298 (0xFF63D38A)
YUV	169.1900, -15.3767, -61.5566
Hunter-Lab	71.4676, -42.5781, 23.3449

Details

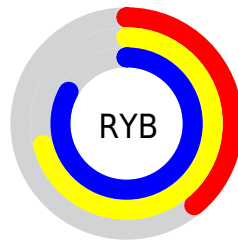
The YUV color **169.1900, -15.3767, -61.5566** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **140.8100, 15.3767, 61.5566**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.5160, -13.0724, -53.9495**, and **111.0690, -11.8660, -67.5895** is the 20% darker color. If you saturate the color by 10%, you get **161.3150, -18.3963, -73.0673**, and if you desaturate by 10%, it is **177.0650, -12.3570, -50.0460**.

Distribution



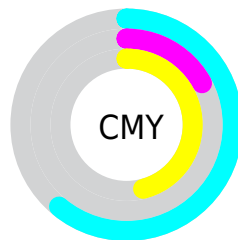
- Red (39%)
- Green (83%)
- Blue (54%)



- Red (39%)
- Yellow (71%)
- Blue (83%)



- Cyan (53%)
- Magenta (0%)
- Yellow (35%)
- Black (17%)



- Cyan (61%)
- Magenta (17%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.1900, -15.3767, -61.5566 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 169.1900, -15.3767, -61.5566 by changing the saturation by 10% instead.

■ 169.1900,
-15.3767, -61.5566

■ 169.1900,
-15.3767, -61.5566

■ 255.0000, 0.0000,
0.0000

■ 140.8200,
-14.2083, -62.9861

■ 218.5160,
-13.0724, -53.9495

■ 111.0690,
-11.8660, -67.5895

■ 230.3790, -5.1168,
-38.9204

■ 82.9050, -9.8132,
-72.7077

■ 242.3560, 3.2755,
-23.9912

■ 65.0210, -12.3354,
-57.0234

■ 252.0100, 1.4741,
-6.1478

■ 47.7240, -15.1469,
-41.8539

■ 31.6980, -15.6271,
-27.7991

■ 18.1970, -8.9711,

-15.9588

■ 0.0000, 0.0000,
0.0000

■ 169.1900,
-15.3767, -61.5566

■ 169.1900,
-15.3767, -61.5566

■ 161.3150,
-18.3963, -73.0673

■ 177.0650,
-12.3570, -50.0460

■ 153.4400,
-21.4159, -84.5779

■ 184.9400, -9.3374,
-38.5354

■ 145.6790,
-23.9987, -96.1885

■ 192.7010, -6.7546,
-26.9248

■ 137.8040,
-27.0184, -107.6991

■ 200.5760, -3.7350,
-15.4142

■ 132.1790,
-29.1752, -115.9210

■ 208.7500, -0.8628,
-3.2887

■ 216.6250, 2.1569,
8.2219

■ 224.3860, 4.7397,
19.8325

■ 228.3740, 9.6756,
23.3510

■ 229.1720, 12.7332,
22.6512

Harmonies

Analogous

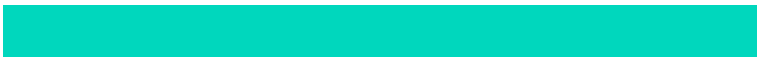
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



179.3800, -40.1203, -11.7343



169.1900, -15.3767, -61.5566



147.7510, 20.3358, -129.5776

Triad

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



169.1900, -15.3767, -61.5566



172.5490, 40.6483, -64.5025



181.4290, -20.4245, 64.5218

Complementary

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



169.1900, -15.3767, -61.5566



140.8100, 15.3767, 61.5566

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.



183.6070, 3.1517, 62.6117



169.1900, -15.3767, -61.5566



190.1000, 31.9957, 4.2973

Square

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



169.1900, -15.3767, -61.5566



150.5790, 51.4796, -132.0578



194.8780, 22.2451, 51.8500



186.9620, -42.3793, 59.6693

Rectangle

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



169.1900, -15.3767, -61.5566



151.7410, 35.6237, -133.0769



194.8780, 22.2451, 51.8500



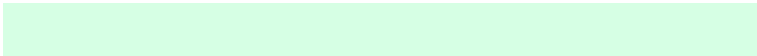
180.9050, -12.2782, 64.9813

Sweetspot

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



169.1900, -15.3767, -61.5566



239.6630, -5.7499, -22.5065



187.1690, -43.4673, -11.5492



118.7010, -3.3036, -13.7698



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.



169.1900, -15.3767, -61.5566



194.1790, -22.2732, -89.6110



175.3460, 8.2104, -66.9554



100.9130, -1.4361, -6.0627



105.3420, -22.8466, -92.3849



25.6630, -5.7499, -22.5065

Inverse Universe

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



140.8100, 15.3767, 61.5566



152.8210, 22.2732, 89.6110



134.6540, -8.2104, 66.9554



98.0870, 1.4361, 6.0627



62.7720, 23.2834, 92.2850



15.3370, 5.7499, 22.5065

Previews

White Background



This preview shows how the YUV color 169.1900, -15.3767, -61.5566 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 169.1900, -15.3767, -61.5566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

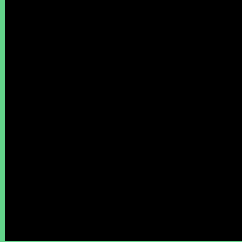
Any Text WCAG AA ✓ Pass

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 169.1900, -15.3767, -61.5566 Background



This preview shows how black text looks on a background with the YUV color 169.1900, -15.3767, -61.5566.



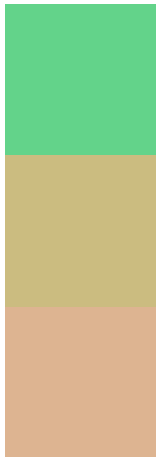
This preview shows how white text looks on a background with the YUV color 169.1900, -15.3767, -61.5566.

-61.5566.

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

169.1900, -15.3767, -61.5566

Protanopia

185.6450, -28.4190, 15.2203

Deuteranopia

188.2690, -21.3316, 28.7051



Tritanopia

178.6050, 18.9287, -51.3966

Trichromacy



Original Color

169.1900, -15.3767, -61.5566



Protanomaly

179.4350, -23.3855, -12.6595



Deuteranomaly

181.2280, -19.3394, -3.7080



Tritanomaly

175.2550, 6.2833, -55.4746

Monochromacy



Original Color

169.1900, -15.3767, -61.5566



Achromatopsia

169.0000, 0.0000, 0.0000



Achromatomaly

169.0760, -5.4605, -21.9917

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.1900, -15.3767, -61.5566 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(99, 211, 138)` looks like.

```
.text, #text, p{  
    color:rgb(99, 211, 138)  
}
```

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(99, 211, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 211, 138) }
```

Border

The CSS property to change the border of an element to YUV 169.1900, -15.3767, -61.5566 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

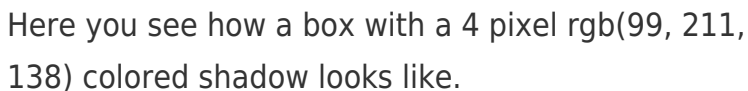
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(99, 211, 138) }
```


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

```
.border{ border-color:rgb(99, 211, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(99, 211, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 211, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 211, 138);  
box-shadow:4px 4px 4px 4px rgb(99, 211,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 169.1900, -15.3767, -61.5566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 211, 138) }
```

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

```
.background{ background-color: rgb(99, 211,  
138) }
```

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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