

Converting Colors

YUV(138.9160, -19.6786,
-35.0063)

Have a look what the booklet for
YUV(138.9160, -19.6786, -35.0063)
contains.

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Color

**YUV(138.9160, -19.6786,
-35.0063)**

Conversions

Conversions Part 1

Format	Color
Hex	63A763
RGB	99, 167, 99
RGB Percent	39%, 65%, 39%
CMY	0.6118, 0.3451, 0.6118
CMYK	0.41, 0.00, 0.41, 0.35
HSL	120°, 28%, 52%
HSV	120°, 41%, 65%
XYZ	21.2164, 31.1909, 16.7066
YIQ	138.9160, -18.7000, -35.5640

Conversions

Conversions Part 2

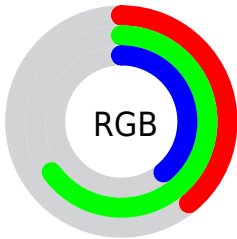
Format	Color
RYB	99, 167, 167
Decimal	6530915
CIELab	62.67, -35.78, 28.56
CIElCh	63, 45.785, 141.400
Yxy	31.1909, 0.3070, 0.4513
Android (android.graphics.Color)	4284720995 (0xFF63A763)
YUV	138.9160, -19.6786, -35.0063
Hunter-Lab	55.8488, -29.9250, 21.3582

Details

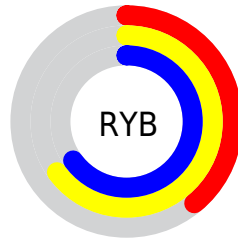
The YUV color **138.9160, -19.6786, -35.0063** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **127.0840, 19.6786, 35.0063**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.8620, -21.1310, -35.8360**, and **86.4860, -17.4946, -35.5062** is the 20% darker color. If you saturate the color by 10%, you get **131.8950, -24.5982, -43.7579**, and if you desaturate by 10%, it is **145.9370, -14.7589, -26.2547**.

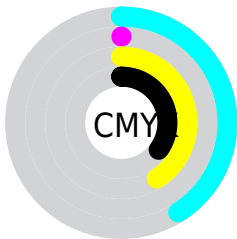
Distribution



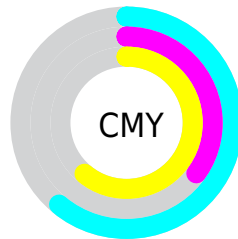
- Red (39%)
- Green (65%)
- Blue (39%)



- Red (39%)
- Yellow (65%)
- Blue (65%)



- Cyan (41%)
- Magenta (0%)
- Yellow (41%)
- Black (35%)



- Cyan (61%)
- Magenta (35%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.9160, -19.6786, -35.0063 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 138.9160, -19.6786, -35.0063 by changing the saturation by 10% instead.

■ 138.9160,
-19.6786, -35.0063

■ 138.9160,
-19.6786, -35.0063

255.0000, 0.0000,
0.0000

■ 112.5570,
-18.5156, -34.6915

■ 193.8620,
-21.1310, -35.8360

■ 86.4860, -17.4946,
-35.5062

■ 221.7480,
-21.5678, -35.7360

■ 59.9200, -15.7366,
-39.3948

■ 235.5460,
-15.0592, -23.2808

■ 38.6110, -17.0632,
-33.8618

■ 247.5230, -6.6668,
-8.3517

■ 25.2410, -12.4438,
-22.1364

■ 9.9790, -4.9196,
-8.7516

■ 0.0000, 0.0000,

0.0000

■ 138.9160,
-19.6786, -35.0063

■ 138.9160,
-19.6786, -35.0063

■ 131.8950,
-24.5982, -43.7579

■ 145.9370,
-14.7589, -26.2547

■ 125.2870,
-29.2285, -51.9947

■ 152.5450,
-10.1287, -18.0180

■ 118.2660,
-34.1481, -60.7463

■ 159.5660, -5.2090,
-9.2664

■ 111.2450,
-39.0678, -69.4979

■ 166.5870, -0.2894,
-0.5148

■ 104.6370,
-43.6980, -77.7346

■ 173.1950, 4.3409,
7.7220

■ 98.0290, -48.3283,
-85.9714

■ 180.2160, 9.2605,
16.4736

■ 187.2370, 14.1802,
25.2252

■ 194.2580, 19.0998,
33.9767

■ 200.8660, 23.7301,
42.2135

Harmonies

Analogous

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



145.0210, -35.5064, 1.7356



138.9160, -19.6786, -35.0063



117.2940, 10.2081, -101.1128

Triad

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



138.9160, -19.6786, -35.0063



132.0400, 49.2803, -79.8421



152.1610, -13.8834, 66.5108

Complementary

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



138.9160, -19.6786, -35.0063



127.0840, 19.6786, 35.0063

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.



154.7420, 5.0572, 58.1083



138.9160, -19.6786, -35.0063



151.6570, 37.1441, -13.7312

Square

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



138.9160, -19.6786, -35.0063



123.0120, 44.8571, -107.8815



156.5610, 22.8944, 30.2030



150.7410, -30.4383, 56.3551

Rectangle

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



138.9160, -19.6786, -35.0063



119.8880, 22.7332, -105.1418



156.5610, 22.8944, 30.2030



152.5830, -7.1894, 66.1407

Sweetspot

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



138.9160, -19.6786, -35.0063



206.2620, -7.5242, -13.3848



159.2480, -29.7023, 6.7985



103.3920, -4.6303, -8.2368



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



138.9160, -19.6786, -35.0063



173.2220, -30.6754, -54.5687



142.7920, -4.8275, -38.4056



80.6960, -2.3151, -4.1184



86.8760, -42.8299, -76.1903



11.7400, -5.7878, -10.2960

Inverse Universe

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



127.0840, 19.6786, 35.0063



154.7780, 30.6754, 54.5687



123.2080, 4.8275, 38.4056



79.3040, 2.3151, 4.1184



61.1240, 42.8299, 76.1903



8.2600, 5.7878, 10.2960

Previews

White Background



This preview shows how the YUV color 138.9160, -19.6786, -35.0063 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 138.9160, -19.6786, -35.0063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

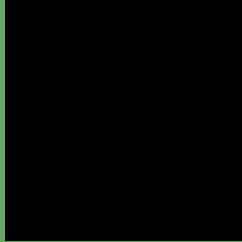
Any Text WCAG AA ✓ Pass

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 138.9160, -19.6786, -35.0063 Background



This preview shows how black text looks on a background with the YUV color 138.9160, -19.6786, -35.0063.



This preview shows how white text looks on a background with the YUV color 138.9160, -19.6786, -35.0063.

-35.0063.

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

138.9160, -19.6786, -35.0063

Protanopia

148.5740, -27.3980, 14.4056

Deuteranopia

150.2040, -22.7786, 26.1311



Tritanopia

146.0270, 12.3117, -28.9647

Trichromacy



Original Color

138.9160, -19.6786, -35.0063

Protanomaly

145.1480, -24.7230, -3.6378

Deuteranomaly

146.0010, -21.6925, 4.3841

Tritanomaly

143.3290, 0.8238, -30.9835

Monochromacy



Original Color

138.9160, -19.6786, -35.0063

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

138.6750, -7.2348, -12.8700

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.9160, -19.6786, -35.0063 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, 167, 99)` looks like.

```
.text, #text, p{  
    color:rgb(99, 167, 99)  
}
```

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, 167, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 167, 99) }
```

Border

The CSS property to change the border of an element to YUV 138.9160, -19.6786, -35.0063 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, 167, 99) }
```


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

```
.border{ border-color:rgb(99, 167, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 167, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 167, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 167, 99);  
box-shadow:4px 4px 4px 4px rgb(99, 167,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 138.9160, -19.6786, -35.0063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 167, 99) }
```

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

```
.background{ background-color: rgb(99, 167,  
99) }
```

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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