

Converting Colors

YUV(139.1370, -31.6195,
-31.6921)

Have a look what the booklet for
YUV(139.1370, -31.6195, -31.6921)
contains.

YUV(139.1370, -31.6195, -31.6921)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(139.1370, -31.6195,
-31.6921)**

Conversions

Conversions Part 1

Format	Color
Hex	67AA4B
RGB	103, 170, 75
RGB Percent	40%, 67%, 29%
CMY	0.5961, 0.3333, 0.7059
CMYK	0.39, 0.00, 0.56, 0.33
HSL	102°, 39%, 48%
HSV	102°, 56%, 67%
XYZ	21.2382, 32.1410, 11.7411
YIQ	139.1370, -9.4370, -43.7490

Conversions

Conversions Part 2

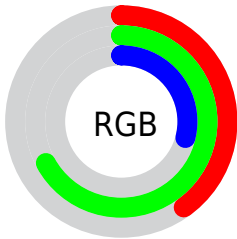
Format	Color
RYB	75, 170, 142
Decimal	6793803
CIELab	63.46, -39.09, 41.80
CIElCh	63, 57.231, 133.076
Yxy	32.1410, 0.3261, 0.4936
Android (android.graphics.Color)	4284983883 (0xFF67AA4B)
YUV	139.1370, -31.6195, -31.6921
Hunter-Lab	56.6930, -32.3435, 27.4062

Details

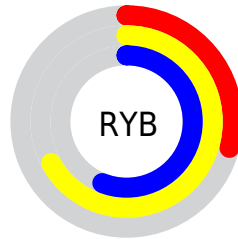
The YUV color **139.1370, -31.6195, -31.6921** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **105.8630, 31.6195, 31.6921**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.2680, -33.6561, -31.8070**, and **86.0660, -30.5985, -32.5069** is the 20% darker color. If you saturate the color by 10%, you get **133.6110, -37.2762, -37.3698**, and if you desaturate by 10%, it is **144.6630, -25.9629, -26.0145**.

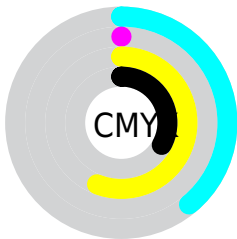
Distribution



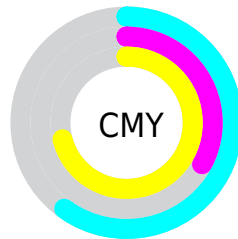
- Red (40%)
- Green (67%)
- Blue (29%)



- Red (29%)
- Yellow (67%)
- Blue (56%)



- Cyan (39%)
- Magenta (0%)
- Yellow (56%)
- Black (33%)



- Cyan (60%)
- Magenta (33%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.1370, -31.6195, -31.6921 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 139.1370, -31.6195, -31.6921 by changing the saturation by 10% instead.

■ 139.1370,
-31.6195, -31.6921

■ 139.1370,
-31.6195, -31.6921

■ 255.0000, 0.0000,
0.0000

■ 112.3650,
-30.7459, -31.8921

■ 194.2680,
-33.6561, -31.8070

■ 86.0660, -30.5985,
-32.5069

■ 222.7410,
-34.3823, -32.2219

■ 58.7880, -28.9825,
-37.5251

■ 234.3050,
-26.2794, -17.8075

■ 39.9160, -19.6786,
-35.0063

■ 246.4670,
-18.4712, -2.1636

■ 26.4150, -13.0226,
-23.1660

■ 252.9480, -7.8624,
1.7996

■ 11.7400, -5.7878,
-10.2960

■ 0.0000, 0.0000,

0.0000

■ 139.1370,
-31.6195, -31.6921

■ 139.1370,
-31.6195, -31.6921

■ 133.6110,
-37.2762, -37.3698

■ 144.6630,
-25.9629, -26.0145

■ 128.0850,
-42.9329, -43.0475

■ 150.1890,
-20.3062, -20.3368

■ 122.5590,
-48.5896, -48.7252

■ 155.7150,
-14.6495, -14.6591

■ 117.0330,
-54.2463, -54.4029

■ 161.2410, -8.9928,
-8.9814

■ 114.7400,
-56.5668, -56.7770

■ 166.7670, -3.3361,
-3.3037

■ 172.2930, 2.3206,
2.3740

■ 177.8190, 7.9772,
8.0517

■ 183.3450, 13.6339,
13.7294

■ 188.8710, 19.2906,
19.4071

Harmonies

Analogous

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



145.7160, -49.6530, 12.5271



139.1370, -31.6195, -31.6921



117.8070, 2.0671, -103.3167

Triad

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



139.1370, -31.6195, -31.6921



126.6430, 61.3080, -111.0659



151.8240, -9.2802, 83.4694

Complementary

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



139.1370, -31.6195, -31.6921



105.8630, 31.6195, 31.6921

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.



156.2020, 14.1974, 66.4748



139.1370, -31.6195, -31.6921



147.9660, 51.7818, -42.0662

Square

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



139.1370, -31.6195, -31.6921



128.6200, 46.0363, -112.7997



158.3180, 34.8462, 23.4001



151.3950, -32.2397, 74.1986

Rectangle

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



139.1370, -31.6195, -31.6921



122.4980, 17.5025, -107.4307



158.3180, 34.8462, 23.4001



153.1640, -1.5599, 80.5402

Sweetspot

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



139.1370, -31.6195, -31.6921



209.5950, -12.6183, -12.7998



142.1470, -33.1035, 24.4271



104.7080, -7.2510, -7.6369



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



139.1370, -31.6195, -31.6921



173.6190, -49.6052, -49.6549



132.9310, -19.1930, -50.8055



81.2940, -2.6099, -2.8888



100.0320, -49.3158, -49.1401



13.5340, -6.6723, -6.6073

Inverse Universe

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



105.8630, 31.6195, 31.6921



121.3810, 49.6052, 49.6549



112.0690, 19.1930, 50.8055



78.7060, 2.6099, 2.8888



47.9680, 49.3158, 49.1401



6.4660, 6.6723, 6.6073

Previews

White Background



This preview shows how the YUV color 139.1370, -31.6195, -31.6921 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 139.1370, -31.6195, -31.6921 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 139.1370, -31.6195, -31.6921 Background



This preview shows how black text looks on a background with the YUV color 139.1370, -31.6195, -31.6921.



This preview shows how white text looks on a background with the YUV color 139.1370, -31.6195, -31.6921.

-31.6921.

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

139.1370, -31.6195, -31.6921

Protanopia

148.6210, -38.7602, 18.7494

Deuteranopia

150.9630, -33.9988, 31.6044



Tritanopia

149.2230, 11.7221, -26.5056

Trichromacy



Original Color

139.1370, -31.6195, -31.6921

Protanomaly

145.1950, -36.0851, 0.7060

Deuteranomaly

146.6350, -33.3441, 8.2131

Tritanomaly

145.6730, -4.2758, -28.6542

Monochromacy



Original Color

139.1370, -31.6195, -31.6921

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

138.9480, -11.3134, -11.3554

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.1370, -31.6195, -31.6921 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(103, 170, 75)` looks like.

```
.text, #text, p{  
    color:rgb(103, 170, 75)  
}
```

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(103, 170, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 170, 75) }
```

Border

The CSS property to change the border of an element to YUV 139.1370, -31.6195, -31.6921 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(103, 170, 75) }
```


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

```
.border{ border-color:rgb(103, 170, 75) }
```

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

Here you see how a box with a 4 pixel rgb(103, 170, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 170, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 170, 75);  
box-shadow:4px 4px 4px 4px rgb(103, 170,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 139.1370, -31.6195, -31.6921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 170, 75) }
```

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

```
.background{ background-color: rgb(103,  
170, 75) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor