

Converting Colors

YUV(109.1730, -39.5253,
-15.9377)

Have a look what the booklet for
YUV(109.1730, -39.5253, -15.9377)
contains.

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Color

**YUV(109.1730, -39.5253,
-15.9377)**

Conversions

Conversions Part 1

Format	Color
Hex	5B861D
RGB	91, 134, 29
RGB Percent	36%, 53%, 11%
CMY	0.6431, 0.4745, 0.8863
CMYK	0.32, 0.00, 0.78, 0.47
HSL	85°, 64%, 32%
HSV	85°, 78%, 53%
XYZ	13.0613, 19.3630, 4.2114
YIQ	109.1730, 8.0770, -41.7710

Conversions

Conversions Part 2

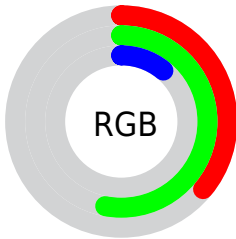
Format	Color
R_{YB}	29, 134, 72
Decimal	5998109
CIE _{Lab}	51.11, -31.24, 48.07
CIE _{LCh}	51, 57.331, 123.024
Yxy	19.3630, 0.3565, 0.5285
Android (android.graphics.Color)	4284188189 (0xFF5B861D)
YUV	109.1730, -39.5253, -15.9377
Hunter-Lab	44.0035, -24.0231, 25.1280

Details

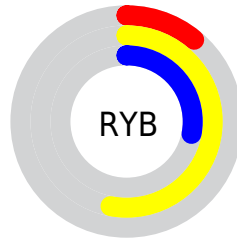
The YUV color **109.1730, -39.5253, -15.9377** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **53.8270, 39.5253, 15.9377**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.4720, -39.6727, -15.3229**, and **60.9690, -30.0577, -19.2668** is the 20% darker color. If you saturate the color by 10%, you get **106.1960, -44.4666, -17.7119**, and if you desaturate by 10%, it is **112.1500, -34.5839, -14.1635**.

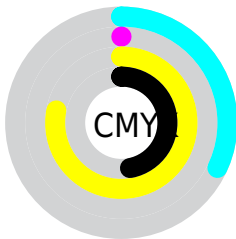
Distribution



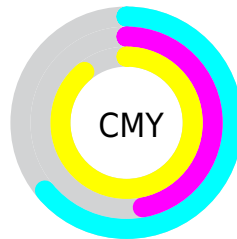
- Red (36%)
- Green (53%)
- Blue (11%)



- Red (11%)
- Yellow (53%)
- Blue (28%)



- Cyan (32%)
- Magenta (0%)
- Yellow (78%)
- Black (47%)



- Cyan (64%)
- Magenta (47%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.1730, -39.5253, -15.9377 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 109.1730, -39.5253, -15.9377 by changing the saturation by 10% instead.

■ 109.1730,
-39.5253, -15.9377

■ 109.1730,
-39.5253, -15.9377

■ 255.0000, 0.0000,
0.0000

■ 82.8310, -40.8357,
-15.6378

■ 162.4720,
-39.6727, -15.3229

■ 60.9690, -30.0577,
-19.2668

■ 189.9450,
-40.3989, -15.7378

■ 37.3130, -18.3953,
-26.5845

■ 218.6030,
-41.7093, -15.4378

■ 22.8930, -11.2862,
-20.0772

■ 236.9230,
-36.9370, -6.0715

■ 4.6960, -2.3151,
-4.1184

■ 247.4760,
-28.8287, 6.5985

■ 0.0000, 0.0000,
0.0000

■ 250.7820,

-16.1615, 3.6992

254.0880, -3.4944,
0.7998

109.1730,
-39.5253, -15.9377

109.1730,
-39.5253, -15.9377

106.1960,
-44.4666, -17.7119

112.1500,
-34.5839, -14.1635

102.8060,
-49.6974, -20.0009

115.5400,
-29.3532, -11.8746

102.2790,
-50.4235, -20.4157

118.5170,
-24.4119, -10.1004

121.9070,
-19.1812, -7.8114

124.8840,
-14.2398, -6.0373

■ 128.1600, -9.4459,
-3.6483

■ 131.2510, -4.0677,
-1.9741

■ 134.5270, 0.7262,
0.4148

■ 137.6180, 6.1043,
2.0890

Harmonies

Analogous

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



113.1860, -55.8007, 24.3929



109.1730, -39.5253, -15.9377



91.3170, -8.0443, -80.0850

Triad

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



109.1730, -39.5253, -15.9377



104.8320, 51.3548, -91.9377



118.0220, 0.4822, 78.9107

Complementary

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



109.1730, -39.5253, -15.9377



53.8270, 39.5253, 15.9377

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.



123.3620, 21.5135, 53.1795



109.1730, -39.5253, -15.9377



99.0420, 59.6323, -86.8598

Square

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



109.1730, -39.5253, -15.9377



104.3640, 34.3305, -91.5272



123.7500, 39.5632, 3.7273



117.5230, -22.9358, 76.7173

Rectangle

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



109.1730, -39.5253, -15.9377



96.8400, 5.5019, -84.9287



123.7500, 39.5632, 3.7273



119.5250, 7.6292, 73.2076

Sweetspot

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



109.1730, -39.5253, -15.9377



163.2430, -15.4028, -6.3521



85.0490, -27.6322, 42.9300



80.8610, -9.2985, -4.2631



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



109.1730, -39.5253, -15.9377



134.6840, -61.4692, -24.2789



93.9240, -32.0075, -47.2913



64.7180, -2.3260, -0.6297



99.3330, -48.9712, -19.5860



2.3590, -1.1630, -0.3148

Inverse Universe

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



53.8270, 39.5253, 15.9377



48.6150, 61.3218, 24.8936



69.3750, 31.8601, 47.9061



61.2820, 2.3260, 0.6297



30.6670, 48.9712, 19.5860



0.6410, 1.1630, 0.3148

Previews

White Background



This preview shows how the YUV color 109.1730, -39.5253, -15.9377 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 109.1730, -39.5253, -15.9377 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 × Fail

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

YUV 109.1730, -39.5253, -15.9377 Background



This preview shows how black text looks on a background with the YUV color 109.1730, -39.5253, -15.9377.



This preview shows how white text looks on a background with the YUV color 109.1730, -39.5253, -15.9377.

-15.9377.

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

109.1730, -39.5253, -15.9377

Protanopia

115.2420, -43.9963, 18.2048

Deuteranopia

117.2850, -39.0875, 30.4451



Tritanopia

119.8610, 7.4635, -13.9101

Trichromacy



Original Color

109.1730, -39.5253, -15.9377

Protanomaly

112.9200, -42.3586, 6.2092

Deuteranomaly

114.4740, -39.1807, 13.6163

Tritanomaly

115.6810, -9.7027, -14.6292

Monochromacy



Original Color

109.1730, -39.5253, -15.9377

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.8840, -14.2398, -6.0373

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.1730, -39.5253, -15.9377 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(91, 134, 29)` looks like.

```
.text, #text, p{  
    color:rgb(91, 134, 29)  
}
```

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(91, 134, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 134, 29) }
```

Border

The CSS property to change the border of an element to YUV 109.1730, -39.5253, -15.9377 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(91, 134, 29) }
```


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

```
.border{ border-color:rgb(91, 134, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 134, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 134, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 134, 29);  
box-shadow:4px 4px 4px 4px rgb(91, 134,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 109.1730, -39.5253, -15.9377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 134, 29) }
```

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

```
.background{ background-color: rgb(91, 134,  
29) }
```

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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