

Converting Colors

YUV(169.1420, -39.0170,
7.7685)

Have a look what the booklet for
YUV(169.1420, -39.0170, 7.7685)
contains.

YUV(169.1420, -39.0170, 7.7685)	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(169.1420, -39.0170,
7.7685)**

Conversions

Conversions Part 1

Format	Color
Hex	B2B45A
RGB	178, 180, 90
RGB Percent	70%, 71%, 35%
CMY	0.3020, 0.2941, 0.6471
CMYK	0.01, 0.00, 0.50, 0.29
HSL	61°, 38%, 53%
HSV	61°, 50%, 71%
XYZ	36.5268, 42.8457, 16.0177
YIQ	169.1420, 27.6980, -28.4140

Conversions

Conversions Part 2

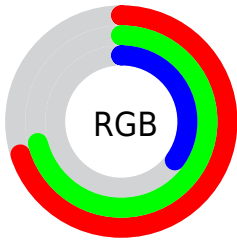
Format	Color
RYB	90, 180, 92
Decimal	11711578
CIELab	71.45, -13.42, 45.20
CIELCh	71, 47.148, 106.538
Yxy	42.8457, 0.3829, 0.4492
Android (android.graphics.Color)	4289901658 (0xFFB2B45A)
YUV	169.1420, -39.0170, 7.7685
Hunter-Lab	65.4566, -14.9405, 31.3109

Details

The YUV color $169.1420, -39.0170, 7.7685$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $100.8580, 39.0170, -7.7685$, and the grayscale version is $170.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $224.9850, -40.9116, 8.7832$, and $115.7720, -37.8486, 6.3390$ is the 20% darker color. If you saturate the color by 10%, you get $167.0900, -46.8794, 9.5681$, and if you desaturate by 10%, it is $171.1940, -31.1546, 5.9689$.

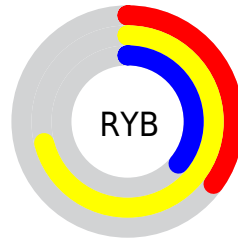
Distribution



Red (70%)

Green (71%)

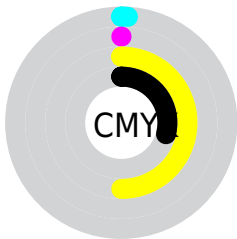
Blue (35%)



Red (35%)

Yellow (71%)

Blue (36%)

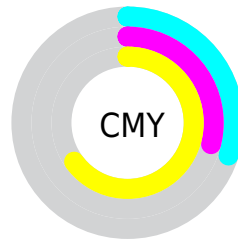


Cyan (1%)

Magenta (0%)

Yellow (50%)

Black (29%)



Cyan (30%)

Magenta (29%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.1420, -39.0170, 7.7685 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 169.1420, -39.0170, 7.7685 by changing the saturation by 10% instead.

■ 169.1420,
-39.0170, 7.7685

■ 169.1420,
-39.0170, 7.7685

255.0000, 0.0000,
0.0000

■ 142.0710,
-37.9960, 6.9537

■ 224.9850,
-40.9116, 8.7832

■ 115.7720,
-37.8486, 6.3390

■ 245.1960,
-37.5646, 8.5981

■ 90.0170, -39.4484,
6.1241

■ 248.3880,
-25.3343, 5.7987

■ 67.6020, -33.3278,
2.9800

■ 251.6940,
-12.6671, 2.8994

■ 46.9250, -23.1340,
0.0658

■ 26.5360, -13.0822,
-3.9781

■ 5.8700, -2.8939,

-5.1480

■ 0.0000, 0.0000,
0.0000

■ 169.1420,
-39.0170, 7.7685

■ 169.1420,
-39.0170, 7.7685

■ 167.0900,
-46.8794, 9.5681

■ 171.1940,
-31.1546, 5.9689

■ 164.7390,
-54.5943, 10.7529

■ 173.5450,
-23.4397, 4.7840

■ 162.6870,
-62.4567, 12.5525

■ 175.5970,
-15.5773, 2.9844

■ 160.3360,
-70.1716, 13.7373

■ 177.9480, -7.8624,
1.7996

■ 158.2840,
-78.0340, 15.5369

■ 180.0000, 0.0000,
0.0000

■ 182.0520, 7.8624,
-1.7996

■ 184.4030, 15.5773,
-2.9844

■ 186.4550, 23.4397,
-4.7840

■ 188.8060, 31.1546,
-5.9689

Harmonies

Analogous

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



172.9980, -40.4250, 39.4668



169.1420, -39.0170, 7.7685



163.0970, -24.2048, -29.9031

Triad

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



169.1420, -39.0170, 7.7685



140.7820, 46.9425, -123.4658



178.9530, 8.4042, 57.9232

Complementary

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



169.1420, -39.0170, 7.7685



100.8580, 39.0170, -7.7685

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.



180.1520, 26.5471, 25.2997



169.1420, -39.0170, 7.7685



152.9140, 50.3284, -89.3786

Square

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



169.1420, -39.0170, 7.7685



138.2110, 29.4760, -121.2110



173.6990, 40.0814, -22.5380



175.8670, -11.2734, 69.3996

Rectangle

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



169.1420, -39.0170, 7.7685



156.9220, -8.8355, -59.5676



173.6990, 40.0814, -22.5380



179.6190, 14.9778, 49.4461

Sweetspot

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



169.1420, -39.0170, 7.7685



230.5970, -15.5773, 2.9844



118.0840, -13.8454, 54.3003



114.6060, -9.1728, 2.0995



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



169.1420, -39.0170, 7.7685



217.7300, -60.9989, 11.6378



155.9860, -32.5311, -19.2817



87.9740, -3.9312, 0.8998



134.6610, -66.3879, 13.4523



22.7370, -11.2093, 1.9847

Inverse Universe

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



100.8580, 39.0170, -7.7685



110.9710, 61.1463, -12.2526



114.3130, 32.3837, 19.8965



81.3250, 3.7838, -0.2850



18.3390, 66.3879, -13.4523



3.2630, 11.2093, -1.9847

Previews

White Background



This preview shows how the YUV color 169.1420, -39.0170, 7.7685 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 169.1420, -39.0170, 7.7685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

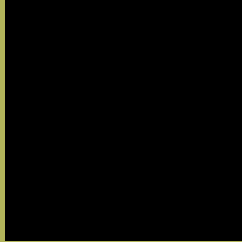
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 169.1420, -39.0170, 7.7685

Background



This preview shows how black text looks on a background with the YUV color 169.1420, -39.0170, 7.7685.



This preview shows how white text looks on a background with the YUV color 169.1420, -39.0170, 7.7685.

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

169.1420, -39.0170, 7.7685

Protanopia

170.4640, -40.6548, 19.7641

Deuteranopia

172.6170, -39.2512, 36.2929



Tritanopia

176.8640, 3.0250, 9.7663

Trichromacy



Original Color

169.1420, -39.0170, 7.7685

Protanomaly

170.2570, -40.0597, 15.5606

Deuteranomaly

171.5510, -39.2186, 25.8268

Tritanomaly

174.1400, -12.3940, 8.6472

Monochromacy



Original Color

169.1420, -39.0170, 7.7685

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

168.9390, -14.2669, 2.6845

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.1420, -39.0170, 7.7685 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(178, 180, 90)` looks like.

```
.text, #text, p{  
    color:rgb(178, 180, 90)  
}
```

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(178, 180, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 180, 90) }
```

Border

The CSS property to change the border of an element to YUV 169.1420, -39.0170, 7.7685 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(178, 180, 90) }
```


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

```
.border{ border-color:rgb(178, 180, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 180, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 180, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 180, 90);  
box-shadow:4px 4px 4px 4px rgb(178, 180,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 169.1420, -39.0170, 7.7685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 180, 90) }
```

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

```
.background{ background-color: rgb(178,  
180, 90) }
```

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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