

Converting Colors

YUV(170.2430, -69.1398,
9.4339)

Have a look what the booklet for
YUV(170.2430, -69.1398, 9.4339)
contains.

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Color

**YUV(170.2430, -69.1398,
9.4339)**

Conversions

Conversions Part 1

Format	Color
Hex	B5C01E
RGB	181, 192, 30
RGB Percent	71%, 75%, 12%
CMY	0.2902, 0.2471, 0.8824
CMYK	0.06, 0.00, 0.84, 0.25
HSL	64°, 73%, 44%
HSV	64°, 84%, 75%
XYZ	38.1400, 47.6168, 8.4091
YIQ	170.2430, 45.4460, -52.7140

Conversions

Conversions Part 2

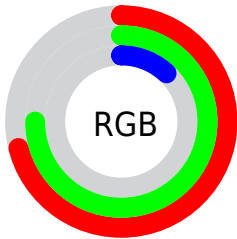
Format	Color
RYB	30, 192, 41
Decimal	11911198
CIELab	74.58, -21.65, 71.01
CIELCh	75, 74.232, 106.955
Yxy	47.6168, 0.4050, 0.5057
Android (android.graphics.Color)	4290101278 (0xFFB5C01E)
YUV	170.2430, -69.1398, 9.4339
Hunter-Lab	69.0049, -22.0990, 41.0783

Details

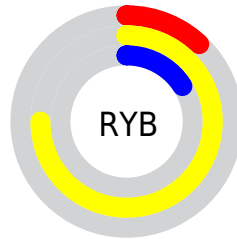
The YUV color **170.2430, -69.1398, 9.4339** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle washed chartreuse. A complement of this color would be **51.7570, 69.1398, -9.4339**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.9380, -66.5244, 10.5784**, and **118.6690, -58.5038, 4.6753** is the 20% darker color. If you saturate the color by 10%, you get **167.7780, -77.2916, 10.7187**, and if you desaturate by 10%, it is **172.7080, -60.9880, 8.1491**.

Distribution



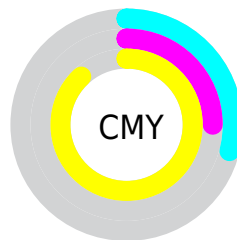
- Red (71%)
- Green (75%)
- Blue (12%)



- Red (12%)
- Yellow (75%)
- Blue (16%)



- Cyan (6%)
- Magenta (0%)
- Yellow (84%)
- Black (25%)



- Cyan (29%)
- Magenta (25%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.2430, -69.1398, 9.4339 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 170.2430, -69.1398, 9.4339 by changing the saturation by 10% instead.

■ 170.2430,
-69.1398, 9.4339

■ 170.2430,
-69.1398, 9.4339

■ 255.0000, 0.0000,
0.0000

■ 142.3030,
-70.1554, 8.5043

■ 227.9380,
-66.5244, 10.5784

■ 118.6690,
-58.5038, 4.6753

■ 239.7240,
-58.5309, 13.3971

■ 95.0350, -46.8523,
0.8463

■ 243.0300,
-45.8638, 10.4977

■ 72.8740, -35.9269,
-3.3975

■ 246.2220,
-33.6334, 7.6983

■ 51.3000, -25.2909,
-8.1561

■ 249.5280,
-20.9663, 4.7989

■ 29.7260, -14.6549,
-12.9147

■ 252.8340, -8.2992,

■ 14.6750, -7.2348,

1.8996

-12.8700

■ 0.0000, 0.0000,
0.0000

■ 170.2430,
-69.1398, 9.4339

■ 170.2430,
-69.1398, 9.4339

■ 167.7780,
-77.2916, 10.7187

■ 172.7080,
-60.9880, 8.1491

■ 166.2250,
-81.9489, 11.2037

■ 175.4720,
-52.9837, 7.4791

■ 178.0510,
-44.3951, 6.0943

■ 180.5160,
-36.2434, 4.8095

■ 183.2800,
-28.2390, 4.1394

■ 185.7450,
-20.0873, 2.8546

■ 188.2100,
-11.9355, 1.5698

■ 190.7890, -3.3470,
0.1850

■ 193.5530, 4.6574,
-0.4850

Harmonies

Analogous

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



175.4370, -69.7284, 58.3758



170.2430, -69.1398, 9.4339



160.0990, -37.5168, -53.5838

Triad

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



170.2430, -69.1398, 9.4339



153.5140, 50.0326, -134.6318



171.8960, 21.7433, 72.8822

Complementary

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



170.2430, -69.1398, 9.4339



51.7570, 69.1398, -9.4339

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.



186.2110, 33.9130, 42.7880



170.2430, -69.1398, 9.4339



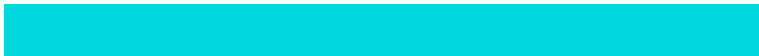
146.4700, 53.5053, -128.4542

Square

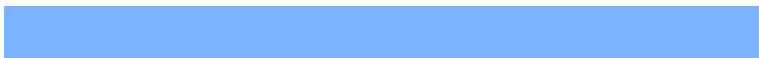
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



170.2430, -69.1398, 9.4339



151.9860, 34.0239, -133.2917



170.3330, 41.7408, -41.5110



162.9700, -7.3802, 80.7103

Rectangle

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



170.2430, -69.1398, 9.4339



138.9220, -5.8775, -121.8346



170.3330, 41.7408, -41.5110



179.1000, 29.0377, 66.5643

Sweetspot

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



170.2430, -69.1398, 9.4339



241.6220, -26.9286, 3.8395



84.8950, -27.0632, 93.9311



119.7710, -16.1561, 1.9548



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



170.2430, -69.1398, 9.4339



216.4170, -106.6936, 14.5433



146.0240, -57.1998, -40.3630



95.5610, -4.2206, 0.3850



139.3570, -68.7030, 9.3339



28.6400, -14.1195, 2.0697

Inverse Universe

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



51.7570, 69.1398, -9.4339



33.5830, 106.6936, -14.5433



75.9760, 57.1998, 40.3630



88.4390, 4.2206, -0.3850



21.6430, 68.7030, -9.3339



4.3600, 14.1195, -2.0697

Previews

White Background



This preview shows how the YUV color 170.2430, -69.1398, 9.4339 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 170.2430, -69.1398, 9.4339 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 170.2430, -69.1398, 9.4339

Background



This preview shows how black text looks on a background with the YUV color 170.2430, -69.1398, 9.4339.



This preview shows how white text looks on a background with the YUV color 170.2430, -69.1398, 9.4339.

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

170.2430, -69.1398, 9.4339

Protanopia

172.7940, -71.3834, 29.1217

Deuteranopia

175.9950, -66.0595, 48.2394



Tritanopia

185.0810, 3.9041, 7.8220

Trichromacy



Original Color

170.2430, -69.1398, 9.4339

Protanomaly

171.9780, -70.4882, 21.9443

Deuteranomaly

174.2660, -67.1791, 33.9697

Tritanomaly

179.7950, -22.5769, 8.0728

Monochromacy



Original Color

170.2430, -69.1398, 9.4339

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

170.0780, -25.1815, 3.4396

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.2430, -69.1398, 9.4339 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(181, 192, 30)` looks like.

```
.text, #text, p{  
    color:rgb(181, 192, 30)  
}
```

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(181, 192, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 192, 30) }
```

Border

The CSS property to change the border of an element to YUV 170.2430, -69.1398, 9.4339 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(181, 192, 30) }
```


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

```
.border{ border-color:rgb(181, 192, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 192, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 192, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 192, 30);  
box-shadow:4px 4px 4px 4px rgb(181, 192,  
30) }
```

Background

The CSS property to change the background color of an element to YUV 170.2430, -69.1398, 9.4339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 192, 30) }
```

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

```
.background{ background-color: rgb(181,  
192, 30) }
```

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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