

# Converting Colors

YUV(69.1700, -34.1008,  
111.2299)

Have a look what the booklet for  
YUV(69.1700, -34.1008, 111.2299)  
contains.

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# Color

**YUV(69.1700, -34.1008,  
111.2299)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C41200
RGB	196, 18, 0
RGB Percent	77%, 7%, 0%
CMY	0.2314, 0.9294, 1.0000
CMYK	0.00, 0.91, 1.00, 0.23
HSL	6°, 100%, 38%
HSV	6°, 100%, 77%
XYZ	22.9813, 12.1684, 1.1375
YIQ	69.1700, 111.8660, 32.1380

# Conversions

## Conversions Part 2

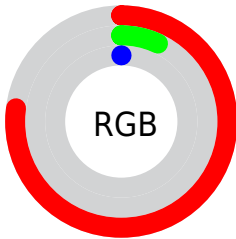
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 20, 0
Decimal	12849664
CIE <sub>Lab</sub>	41.48, 63.72, 55.39
CIE <sub>LCh</sub>	41, 84.430, 40.996
Yxy	12.1684, 0.6333, 0.3353
Android (android.graphics.Color)	4291039744 (0xFFC41200)
YUV	69.1700, -34.1008, 111.2299
Hunter-Lab	34.8832, 56.5513, 22.4849

# Details

The YUV color **69.1700, -34.1008, 111.2299** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **126.8300, 34.1008, -111.2299**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.8290, -40.3417, 106.2670**, and **39.4680, -19.4577, 81.1506** is the 20% darker color. If you saturate the color by 10%, you get **69.1700, -34.1008, 111.2299**, and if you desaturate by 10%, it is **82.0160, -30.5739, 99.9640**.

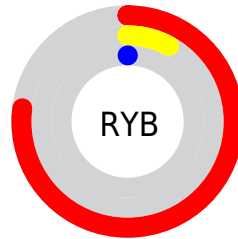
# Distribution



Red (77%)

Green (7%)

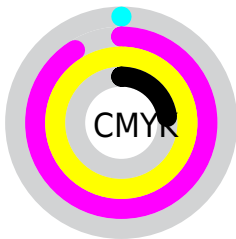
Blue (0%)



Red (77%)

Yellow (8%)

Blue (0%)

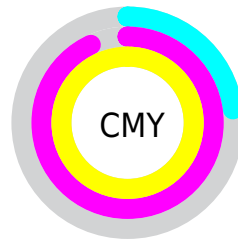


Cyan (0%)

Magenta (91%)

Yellow (100%)

Black (23%)



Cyan (23%)

Magenta (93%)


Yellow (100%)


# Brightness & Saturation Gradients


These gradients show how the YUV color 69.1700, -34.1008, 111.2299 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 69.1700, -34.1008, 111.2299 by changing the saturation by 10% instead.




 69.1700, -34.1008,  
111.2299

 69.1700, -34.1008,  
111.2299


 253.0620, -7.4256,  
1.6996


 49.0360, -24.1747,  
100.8234


 133.8290,  
-40.3417, 106.2670


 39.4680, -19.4577,  
81.1506


 153.7020,  
-37.8141, 88.8383

 29.9000, -14.7407,  
61.4777

 173.5750,  
-35.2865, 71.4097

 21.5710, -9.1555,  
43.3492

 193.5620,  
-32.3221, 53.8811

 12.0740, -5.4595,  
24.4911


 213.5490,  
-29.3577, 36.3525


 0.0000, 0.0000,  
0.0000


 233.7640,

-25.5197, 18.6240


 249.8700,  
-19.6559, 4.4990


 69.1700, -34.1008,  
111.2299

 82.0160, -30.5739,  
99.9640

 94.7480, -27.4838,  
88.7980

 107.0070,  
-23.6675, 78.0469

 119.7390,  
-20.5773, 66.8809

 132.5850,  
-17.0504, 55.6150

■ 145.4310,  
-13.5235, 44.3490

■ 158.1630,  
-10.4334, 33.1830

■ 170.4220, -6.6170,  
22.4319

■ 183.1540, -3.5269,  
11.2659

# Harmonies

## Analogous

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



72.3510, 1.7990, 123.3492



69.1700, -34.1008, 111.2299



91.5440, -45.1312, 55.6509

# Triad

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



69.1700, -34.1008, 111.2299



77.0860, -14.3394, -67.6044



85.7180, 74.5820, -75.1747

# Complementary

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



69.1700, -34.1008, 111.2299



126.8300, 34.1008, -111.2299

# 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.



95.7140, 67.1890, -83.9412



69.1700, -34.1008, 111.2299



87.3970, 17.5523, -76.6472

# Square

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



69.1700, -34.1008, 111.2299



68.0920, -33.5694, -59.7167



94.3340, 46.6703, -82.7309



96.5520, 53.4649, 24.9489



# Rectangle

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



69.1700, -34.1008, 111.2299



91.6340, -45.1756, 23.1230



94.3340, 46.6703, -82.7309



90.7560, 73.5773, -79.5930

# Sweetspot

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



69.1700, -34.1008, 111.2299



205.8330, -13.2287, 43.1195



79.1240, 49.7319, 102.5003



98.1020, -7.9383, 26.2205



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

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



69.1700, -34.1008, 111.2299



89.7460, -44.2448, 144.9278



125.5220, -61.8823, 61.8092



90.5770, -1.7635, 5.6330



56.9440, -28.0734, 91.2571



11.6280, -5.7326, 18.7432



# Inverse Universe

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



126.8300, 34.1008, -111.2299



165.2540, 44.2448, -144.9278



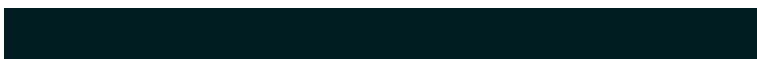
70.4780, 61.8823, -61.8092



93.4230, 1.7635, -5.6330



104.0560, 28.0734, -91.2571



21.3720, 5.7326, -18.7432



# Previews

## White Background



This preview shows how the YUV color 69.1700, -34.1008, 111.2299 looks on a white 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



# Black 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

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

# YUV 69.1700, -34.1008, 111.2299

## Background



This preview shows how black text looks on a background with the YUV color 69.1700, -34.1008, 111.2299.



This preview shows how white text looks on a background with the YUV color 69.1700, -34.1008,



# 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

69.1700, -34.1008, 111.2299

### Protanopia

95.0380, -34.5287, 14.8757

### Deuteranopia

93.4390, -46.0654, 28.5560



## Tritanopia

69.8540, -31.4800, 110.6300

# Trichromacy



## Original Color

69.1700, -34.1008, 111.2299

## Protanomaly

85.6710, -34.3478, 50.2775

## Deuteranomaly

84.4780, -41.6477, 58.3398

## Tritanomaly

69.6260, -32.3536, 110.8300

# Monochromacy



## Original Color

69.1700, -34.1008, 111.2299

## Achromatopsia

69.0000, 0.0000, 0.0000

## Achromatomaly

68.7510, -12.2022, 40.5604

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 69.1700, -34.1008, 111.2299 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(196, 18, 0)` looks like.

```
.text, #text, p{  
    color:rgb(196, 18, 0)  
}
```

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(196, 18, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 18, 0) }
```

## Border

The CSS property to change the border of an element to YUV 69.1700, -34.1008, 111.2299 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(196, 18, 0) }
```



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

```
.border{ border-color:rgb(196, 18, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 18, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 18, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 18, 0);  
box-shadow:4px 4px 4px 4px rgb(196, 18, 0)  
}
```

# Background

The CSS property to change the background color of an element to YUV 69.1700, -34.1008, 111.2299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 18, 0) }
```

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

```
.background{ background-color: rgb(196, 18,  
0) }
```

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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