

# Converting Colors

YUV(73.5450, -36.2577,  
103.0080)

Have a look what the booklet for  
YUV(73.5450, -36.2577, 103.0080)  
contains.

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# Color

**YUV(73.5450, -36.2577,  
103.0080)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BF1C00
RGB	191, 28, 0
RGB Percent	75%, 11%, 0%
CMY	0.2510, 0.8902, 1.0000
CMYK	0.00, 0.85, 1.00, 0.25
HSL	9°, 100%, 37%
HSV	9°, 100%, 75%
XYZ	21.9011, 11.9069, 1.1439
YIQ	73.5450, 106.1360, 25.8480

# Conversions

## Conversions Part 2

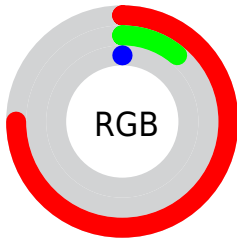
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	191, 33, 0
Decimal	12524544
CIE Lab	41.07, 60.55, 54.59
CIE LCh	41, 81.527, 42.035
Yxy	11.9069, 0.6266, 0.3407
Android (android.graphics.Color)	4290714624 (0xFFBF1C00)
YUV	73.5450, -36.2577, 103.0080
Hunter-Lab	34.5063, 52.9075, 22.1889

# Details

The YUV color **73.5450, -36.2577, 103.0080** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **117.4550, 36.2577, -103.0080**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.1770, -41.4993, 104.2078**, and **37.9730, -18.7207, 78.0767** is the 20% darker color. If you saturate the color by 10%, you get **73.5450, -36.2577, 103.0080**, and if you desaturate by 10%, it is **85.1030, -32.5888, 92.8717**.

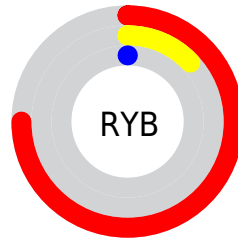
# Distribution



Red (75%)

Green (11%)

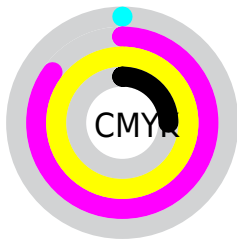
Blue (0%)



Red (75%)

Yellow (13%)

Blue (0%)

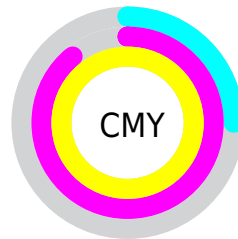


Cyan (0%)

Magenta (85%)

Yellow (100%)

Black (25%)



Cyan (25%)

Magenta (89%)


Yellow (100%)


# Brightness & Saturation Gradients


These gradients show how the YUV color 73.5450, -36.2577, 103.0080 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 73.5450, -36.2577, 103.0080 by changing the saturation by 10% instead.





 73.5450, -36.2577,  
103.0080


 73.5450, -36.2577,  
103.0080


 253.1760, -6.9888,  
1.5996

 47.5410, -23.4377,  
97.7495


 136.1770,  
-41.4993, 104.2078

 37.9730, -18.7207,  
78.0767


 155.4630,  
-38.6823, 87.2939


 28.7040, -14.1511,  
59.0186

 174.7490,  
-35.8653, 70.3801

 20.6740, -8.7133,  
41.5049

 194.7360,  
-32.9008, 52.8515

 10.8780, -4.8699,  
22.0320


 214.8370,  
-29.4996, 35.2230


 0.0000, 0.0000,  
0.0000


 234.9380,

-26.0984, 17.5944


 249.8700,  
-19.6559, 4.4990


 73.5450, -36.2577,  
103.0080

 85.1030, -32.5888,  
92.8717

 97.2480, -29.2093,  
82.2205

 108.8060,  
-25.5404, 72.0841

 120.3640,  
-21.8715, 61.9478

 132.6230,  
-18.0551, 51.1966

■ 144.1810,  
-14.3862, 41.0603

■ 155.7390,  
-10.7173, 30.9239

■ 167.2970, -7.0484,  
20.7875

■ 179.4420, -3.6689,  
10.1364

# Harmonies

## Analogous

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



70.6280, 1.6624, 120.4752



73.5450, -36.2577, 103.0080



90.9350, -44.8310, 52.6770

# Triad

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



73.5450, -36.2577, 103.0080



76.9550, -12.3028, -67.4895



83.8600, 72.5400, -73.5452

# Complementary

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



73.5450, -36.2577, 103.0080



117.4550, 36.2577, -103.0080

# 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.



93.8560, 65.1470, -82.3117



73.5450, -36.2577, 103.0080



86.2230, 18.1311, -75.6176

# Square

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



73.5450, -36.2577, 103.0080



67.5050, -33.2800, -59.2019



93.4050, 45.6493, -81.9162



96.3520, 50.1125, 26.8783



# Rectangle

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



73.5450, -36.2577, 103.0080



90.7370, -44.7333, 21.2787



93.4050, 45.6493, -81.9162



88.3110, 71.8247, -77.4487

# Sweetspot

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



73.5450, -36.2577, 103.0080



201.5830, -14.0914, 39.8307



76.0330, 44.3537, 100.8261



97.5640, -8.6591, 24.0614



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.



73.5450, -36.2577, 103.0080



94.9850, -46.8276, 133.3172



128.1360, -63.1710, 55.1317



88.2780, -1.6161, 5.0182



60.7430, -29.9463, 85.2944



11.6170, -5.7272, 16.9989



# Inverse Universe

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



117.4550, 36.2577, -103.0080



152.0150, 46.8276, -133.3172



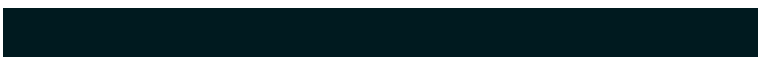
62.8640, 63.1710, -55.1317



90.7220, 1.6161, -5.0182



97.2570, 29.9463, -85.2944



18.7960, 6.0166, -16.4841



# Previews

## White Background



This preview shows how the YUV color 73.5450, -36.2577, 103.0080 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

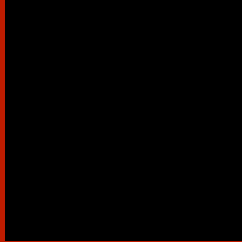
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 73.5450, -36.2577, 103.0080

## Background



This preview shows how black text looks on a background with the YUV color 73.5450, -36.2577, 103.0080.



This preview shows how white text looks on a background with the YUV color 73.5450, -36.2577,



# 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



### Protanopia

94.0380, -34.5287, 14.8757

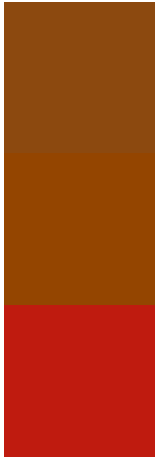
### Deuteranopia

91.6670, -45.1918, 28.3560

### Tritanopia

75.6940, -25.4851, 101.1234

# Trichromacy



## Protanomaly

86.4210, -35.2106, 46.9888

## Deuteranomaly

84.7550, -41.7842, 55.4659

## Tritanomaly

74.6680, -29.4163, 102.0232

# Monochromacy



## Achromatopsia

74.0000, 0.0000, 0.0000

## Achromatomaly

73.8000, -13.2124, 37.8864

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 73.5450, -36.2577, 103.0080 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(191, 28, 0)` looks like.

```
.text, #text, p{  
    color:rgb(191, 28, 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(191, 28, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 28, 0) }
```

## Border

The CSS property to change the border of an element to YUV 73.5450, -36.2577, 103.0080 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(191, 28, 0) }
```

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

```
.border{ border-color:rgb(191, 28, 0) }
```

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

Here you see how a box with a 4 pixel rgb(191, 28, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 28, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 28, 0);  
box-shadow:4px 4px 4px 4px rgb(191, 28, 0)  
}
```



# Background

The CSS property to change the background color of an element to YUV 73.5450, -36.2577, 103.0080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 28, 0) }
```

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

```
.background{ background-color: rgb(191, 28,  
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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