

# Converting Colors

YUV(86.4890, -38.2021,  
73.2391)

Have a look what the booklet for  
YUV(86.4890, -38.2021, 73.2391)  
contains.

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# Color

**YUV(86.4890, -38.2021,  
73.2391)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AA3B09
RGB	170, 59, 9
RGB Percent	67%, 23%, 4%
CMY	0.3333, 0.7686, 0.9647
CMYK	0.00, 0.65, 0.95, 0.33
HSL	19°, 90%, 35%
HSV	19°, 95%, 67%
XYZ	18.1908, 11.6937, 1.5568
YIQ	86.4890, 82.2060, 7.9820

# Conversions

## Conversions Part 2

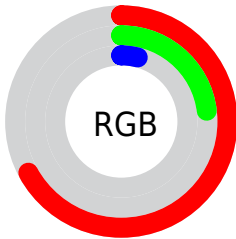
Format	Color
R <sub>Y</sub> B	170, 82, 9
Decimal	11156233
CIE Lab	40.73, 43.64, 49.26
CIE LCh	41, 65.809, 48.463
Yxy	11.6937, 0.5786, 0.3719
Android (android.graphics.Color)	4289346313 (0xFFAA3B09)
YUV	86.4890, -38.2021, 73.2391
Hunter-Lab	34.1961, 35.1113, 21.2380

# Details

The YUV color **86.4890, -38.2021, 73.2391** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **92.5110, 38.2021, -73.2391**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.3650, -40.1129, 79.4869**, and **32.5910, -16.0674, 67.0107** is the 20% darker color. If you saturate the color by 10%, you get **81.9410, -40.3969, 77.2277**, and if you desaturate by 10%, it is **95.4710, -34.2492, 65.3619**.

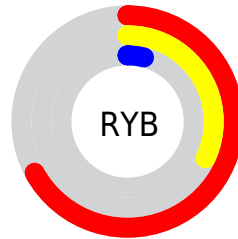
# Distribution



Red (67%)

Green (23%)

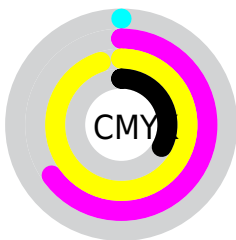
Blue (4%)



Red (67%)

Yellow (32%)

Blue (4%)

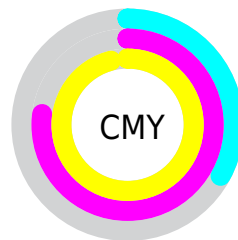


Cyan (0%)

Magenta (65%)

Yellow (95%)

Black (33%)



Cyan (33%)

Magenta (77%)


Yellow (96%)


# Brightness & Saturation Gradients


These gradients show how the YUV color 86.4890, -38.2021, 73.2391 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 86.4890, -38.2021, 73.2391 by changing the saturation by 10% instead.





 86.4890, -38.2021,  
73.2391


 86.4890, -38.2021,  
73.2391


 254.0880, -3.4944,  
0.7998


 60.6440, -29.8975,  
69.5952


 141.3650,  
-40.1129, 79.4869

 32.5910, -16.0674,  
67.0107


 166.9410,  
-40.3969, 77.2277


 23.9200, -11.7926,  
49.1822

 185.6400,  
-37.2905, 60.8287

 16.3740, -7.0864,  
32.9980

 205.0400,  
-34.0367, 43.8149

 2.9900, -1.4741,  
6.1478

 225.1410,  
-30.6355, 26.1863

 0.0000, 0.0000,  
0.0000

 245.3560,

-26.7975, 8.4578

■ 250.8960,  
-15.7247, 3.5992

■ 86.4890, -38.2021,  
73.2391

■ 86.4890, -38.2021,  
73.2391

■ 81.9410, -40.3969,  
77.2277

■ 95.4710, -34.2492,  
65.3619

■ 103.8660,  
-30.0069, 57.9995

■ 112.8480,  
-26.0541, 50.1223

■ 121.8300,  
-22.1012, 42.2451

■ 130.8120,  
-18.1483, 34.3679

■ 139.2070,  
-13.9061, 27.0055

■ 148.1890, -9.9532,  
19.1282

■ 157.1710, -6.0003,  
11.2510

■ 165.5660, -1.7580,  
3.8886

# Harmonies

## Analogous

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



77.8240, -5.8292, 96.6244



86.4890, -38.2021, 73.2391



90.5480, -44.6402, 38.1074

# Triad

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



86.4890, -38.2021, 73.2391



77.5880, -2.2619, -68.0447



77.7120, 60.2880, -63.7684

# Complementary

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



86.4890, -38.2021, 73.2391



92.5110, 38.2021, -73.2391

# 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.



87.1250, 57.1264, -76.4086



86.4890, -38.2021, 73.2391



84.5590, 21.9094, -74.1582

# Square

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



86.4890, -38.2021, 73.2391



67.1290, -29.6436, -58.8721



88.8570, 43.4545, -77.9276



96.8080, 35.0977, 36.1254



# Rectangle

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



86.4890, -38.2021, 73.2391



89.2090, -43.9800, 12.9717



88.8570, 43.4545, -77.9276



80.7820, 60.7465, -70.8458

# Sweetspot

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



86.4890, -38.2021, 73.2391



189.6910, -14.6377, 28.3350



70.0210, 25.6256, 87.6816



92.4060, -9.0742, 17.1839



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000



# Same Dimension

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



86.4890, -38.2021, 73.2391



106.8810, -52.6923, 100.9594



132.8620, -61.0640, 32.5700



79.5660, -1.7580, 3.8886



71.2540, -35.1282, 67.3062



9.5020, -4.6845, 9.2067



# Inverse Universe

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



92.5110, 38.2021, -73.2391



115.1190, 52.6923, -100.9594



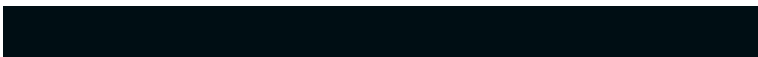
46.1380, 61.0640, -32.5700



80.4340, 1.7580, -3.8886



76.7460, 35.1282, -67.3062



10.4980, 4.6845, -9.2067



# Previews

## White Background



This preview shows how the YUV color 86.4890, -38.2021, 73.2391 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



This preview shows how the YUV color 86.4890, -38.2021, 73.2391 looks on a 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 86.4890, -38.2021, 73.2391

## Background



This preview shows how black text looks on a background with the YUV color 86.4890, -38.2021, 73.2391.



This preview shows how white text looks on a background with the YUV color 86.4890, -38.2021,



# 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

86.4890, -38.2021, 73.2391

### Protanopia

91.8100, -35.4023, 15.0756

### Deuteranopia

90.4820, -44.6076, 27.6413



## Tritanopia

90.0260, -15.7888, 71.0142

# Trichromacy



## Original Color

86.4890, -38.2021, 73.2391

## Protanomaly

89.7140, -36.3410, 36.2078

## Deuteranomaly

88.8630, -42.3305, 43.9701

## Tritanomaly

88.5610, -23.9406, 72.2990

# Monochromacy



## Original Color

86.4890, -38.2021, 73.2391

## Achromatopsia

86.0000, 0.0000, 0.0000

## Achromatomaly

86.2070, -13.9061, 27.0055

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 86.4890, -38.2021, 73.2391 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(170, 59, 9)` looks like.

```
.text, #text, p{  
    color:rgb(170, 59, 9)  
}
```

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(170, 59, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 59, 9) }
```

## Border

The CSS property to change the border of an element to YUV 86.4890, -38.2021, 73.2391 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(170, 59, 9) }
```



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

```
.border{ border-color:rgb(170, 59, 9) }
```

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

Here you see how a box with a 4 pixel rgb(170, 59, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 59, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 59, 9);  
box-shadow:4px 4px 4px 4px rgb(170, 59, 9)  
}
```

# Background

The CSS property to change the background color of an element to YUV 86.4890, -38.2021, 73.2391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 59, 9) }
```

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

```
.background{ background-color: rgb(170, 59,  
9) }
```

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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