

# Converting Colors

YUV(97.8070, -43.7819,  
89.6233)

Have a look what the booklet for  
YUV(97.8070, -43.7819, 89.6233)  
contains.

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# Color

**YUV(97.8070, -43.7819,  
89.6233)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C83F09
RGB	200, 63, 9
RGB Percent	78%, 25%, 4%
CMY	0.2157, 0.7529, 0.9647
CMYK	0.00, 0.68, 0.96, 0.22
HSL	17°, 91%, 41%
HSV	17°, 96%, 78%
XYZ	25.6462, 15.8541, 1.9669
YIQ	97.8070, 98.9860, 12.2500

# Conversions

## Conversions Part 2

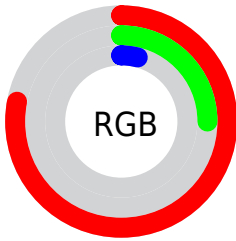
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	200, 84, 9
Decimal	13123337
CIE Lab	46.78, 52.48, 55.77
CIE LCh	47, 76.580, 46.739
Yxy	15.8541, 0.5900, 0.3647
Android (android.graphics.Color)	4291313417 (0xFFC83F09)
YUV	97.8070, -43.7819, 89.6233
Hunter-Lab	39.8172, 45.2916, 24.9432

# Details

The YUV color **97.8070, -43.7819, 89.6233** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **111.1930, 43.7819, -89.6233**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.6930, -44.2186, 89.7232**, and **40.9630, -20.1948, 84.2244** is the 20% darker color. If you saturate the color by 10%, you get **93.2590, -45.9767, 93.6119**, and if you desaturate by 10%, it is **108.3050, -39.0974, 80.4165**.

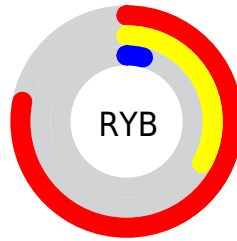
# Distribution



Red (78%)

Green (25%)

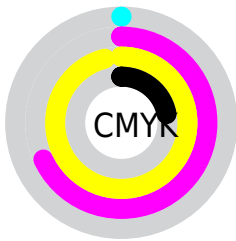
Blue (4%)



Red (78%)

Yellow (33%)

Blue (4%)

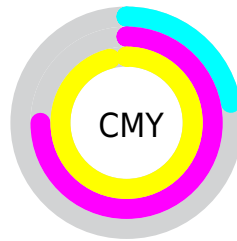


Cyan (0%)

Magenta (68%)

Yellow (96%)

Black (22%)



Cyan (22%)

Magenta (75%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 97.8070, -43.7819, 89.6233 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 97.8070, -43.7819, 89.6233 by changing the saturation by 10% instead.



■ 97.8070, -43.7819,  
89.6233

■ 97.8070, -43.7819,  
89.6233

254.6580, -1.3104,  
0.2999

■ 69.6030, -34.3143,  
86.2942

■ 152.6930,  
-44.2186, 89.7232

■ 40.9630, -20.1948,  
84.2244

■ 171.3920,  
-41.1123, 73.3242

■ 31.6940, -15.6251,  
65.1664

■ 190.7920,  
-37.8585, 56.3104

■ 22.7240, -11.2029,  
46.7231

■ 210.7790,  
-34.8940, 38.7818

■ 14.8790, -6.3493,  
29.9241

■ 230.8800,  
-31.4928, 21.1532

■ 0.0000, 0.0000,  
0.0000

■ 248.1600,

-26.2079, 5.9987

251.3520,  
-13.9775, 3.1993

97.8070, -43.7819,  
89.6233

97.8070, -43.7819,  
89.6233

93.2590, -45.9767,  
93.6119

108.3050,  
-39.0974, 80.4165

119.3900,  
-34.7023, 70.6950

129.8880,  
-30.0178, 61.4882

140.3860,  
-25.3333, 52.2815

151.4710,  
-20.9382, 42.5599

■ 161.9690,  
-16.2537, 33.3532

■ 172.4670,  
-11.5692, 24.1464

■ 183.5520, -7.1741,  
14.4249

■ 194.0500, -2.4896,  
5.2182

# Harmonies

## Analogous

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



77.0200, 0.4831, 125.3935



97.8070, -43.7819, 89.6233



104.7680, -51.6506, 46.6845

# Triad

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



97.8070, -43.7819, 89.6233



88.8380, -4.8501, -77.9109



89.7130, 72.1195, -78.6783

# Complementary

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



97.8070, -43.7819, 89.6233



111.1930, 43.7819, -89.6233

# 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.



101.6810, 67.2053, -89.1742



97.8070, -43.7819, 89.6233



97.6500, 23.8365, -85.6391

# Square

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



97.8070, -43.7819, 89.6233



76.8970, -37.9102, -67.4387



103.0880, 49.7496, -90.4082



111.7080, 43.5280, 38.8441



# Rectangle

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



97.8070, -43.7819, 89.6233



102.8090, -50.6848, 16.8305



103.0880, 49.7496, -90.4082



94.9790, 71.9884, -83.2966

# Sweetspot

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



97.8070, -43.7819, 89.6233



215.4530, -16.9853, 34.6827



82.0690, 32.9970, 103.4255



103.4990, -10.1060, 21.4874



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.



97.8070, -43.7819, 89.6233



118.5090, -58.4249, 119.7026



151.8110, -70.4058, 42.2618



93.8650, -1.9054, 4.5034



75.7390, -37.3393, 76.5279



16.6340, -8.2006, 16.9840



# Inverse Universe

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



111.1930, 43.7819, -89.6233



136.4910, 58.4249, -119.7026



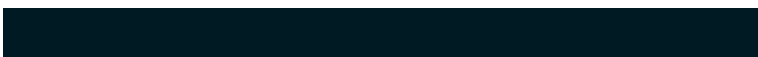
57.1890, 70.4058, -42.2618



95.1350, 1.9054, -4.5034



87.2610, 37.3393, -76.5279



19.3660, 8.2006, -16.9840



# Previews

## White Background



This preview shows how the YUV color 97.8070, -43.7819, 89.6233 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 97.8070, -43.7819, 89.6233 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 97.8070, -43.7819, 89.6233

## Background



This preview shows how black text looks on a background with the YUV color 97.8070, -43.7819, 89.6233.



This preview shows how white text looks on a background with the YUV color 97.8070, -43.7819,



# 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

97.8070, -43.7819, 89.6233

### Protanopia

106.1540, -40.5019, 17.4049

### Tritanopia

101.8000, -19.6214, 86.9984

# Trichromacy



## Original Color

97.8070, -43.7819, 89.6233

## Protanomaly

103.0910, -41.4569, 43.7702

## Tritanomaly

100.2210, -28.2100, 88.3832

# Monochromacy



## Original Color

97.8070, -43.7819, 89.6233

## Achromatopsia

98.0000, 0.0000, 0.0000

## Achromatomaly

97.7840, -15.6695, 32.6384

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 97.8070, -43.7819, 89.6233 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(200, 63, 9)` looks like.

```
.text, #text, p{  
    color:rgb(200, 63, 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(200, 63, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 63, 9) }
```

## Border

The CSS property to change the border of an element to YUV 97.8070, -43.7819, 89.6233 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(200, 63, 9) }
```

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

```
.border{ border-color:rgb(200, 63, 9) }
```

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

Here you see how a box with a 4 pixel rgb(200, 63, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 63, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 63, 9);  
box-shadow:4px 4px 4px 4px rgb(200, 63, 9)  
}
```



# Background

The CSS property to change the background color of an element to YUV 97.8070, -43.7819, 89.6233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 63, 9) }
```

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

```
.background{ background-color: rgb(200, 63,  
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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