

# Converting Colors

YUV(85.9370, -17.2239,  
111.4343)

Have a look what the booklet for  
YUV(85.9370, -17.2239, 111.4343)  
contains.

<b>YUV(85.9370, -17.2239, 111.4343)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(85.9370, -17.2239,  
111.4343)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D51C33
RGB	213, 28, 51
RGB Percent	84%, 11%, 20%
CMY	0.1647, 0.8902, 0.8000
CMYK	0.00, 0.87, 0.76, 0.16
HSL	353°, 77%, 47%
HSV	353°, 87%, 84%
XYZ	28.4534, 15.2157, 4.5692
YIQ	85.9370, 102.8770, 46.3730

# Conversions

## Conversions Part 2

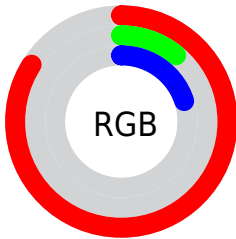
Format	Color
R <sub>Y</sub> B	213, 28, 51
Decimal	13966387
CIE Lab	45.93, 67.55, 37.27
CIE LCh	46, 77.148, 28.890
Yxy	15.2157, 0.5899, 0.3154
Android (android.graphics.Color)	4292156467 (0xFFD51C33)
YUV	85.9370, -17.2239, 111.4343
Hunter-Lab	39.0073, 61.9420, 20.3600

# Details

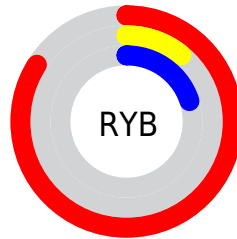
The YUV color **85.9370, -17.2239, 111.4343** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **155.0630, 17.2239, -111.4343**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.3560, -22.8535, 97.0348**, and **45.4630, -18.4693, 90.8019** is the 20% darker color. If you saturate the color by 10%, you get **71.4440, -19.4459, 124.1446**, and if you desaturate by 10%, it is **100.4300, -15.0020, 98.7239**.

# Distribution



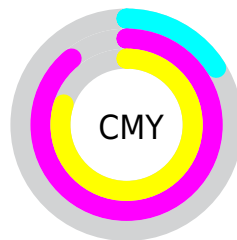
- Red (84%)
- Green (11%)
- Blue (20%)



- Red (84%)
- Yellow (11%)
- Blue (20%)



- Cyan (0%)
- Magenta (87%)
- Yellow (76%)
- Black (16%)



- Cyan (16%)
- Magenta (89%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 85.9370, -17.2239, 111.4343 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 85.9370, -17.2239, 111.4343 by changing the saturation by 10% instead.



■ 85.9370, -17.2239,  
111.4343

■ 85.9370, -17.2239,  
111.4343

255.0000, 0.0000,  
0.0000

■ 57.5390, -13.5767,  
108.2753

■ 144.3560,  
-22.8535, 97.0348

■ 45.4630, -18.4693,  
90.8019

■ 164.2290,  
-20.3259, 79.6062

■ 35.2820, -17.3940,  
72.5437

■ 184.2160,  
-17.3615, 62.0776

■ 26.2410, -11.9508,  
53.2856

■ 204.2030,  
-14.3971, 44.5490

■ 17.2710, -7.5286,  
34.8423

■ 225.0050,  
-10.8485, 26.3056

■ 5.0830, -2.5059,  
10.4512

■ 245.8070, -7.2999,

■ 0.0000, 0.0000,

8.0623

0.0000

■ 85.9370, -17.2239,  
111.4343

■ 85.9370, -17.2239,  
111.4343

■ 71.4440, -19.4459,  
124.1446

■ 100.4300,  
-15.0020, 98.7239

■ 66.6510, -20.0409,  
128.3481

■ 115.3960,  
-13.5062, 85.5987

■ 129.8890,  
-11.2843, 72.8883

■ 144.3820, -9.0623,  
60.1780

■ 158.7610, -7.2772,  
47.5676

■ 173.8410, -5.3446,  
34.3424

■ 188.3340, -3.1227,  
21.6321

■ 202.7130, -1.3375,  
9.0217

■ 217.7930, 0.5951,  
-4.2035

# Harmonies

## Analogous

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



77.5800, 17.9551, 121.3943



85.9370, -17.2239, 111.4343



99.3290, -48.9692, 73.3795

# Triad

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



85.9370, -17.2239, 111.4343



80.6590, -23.4959, -70.7379



96.6260, 70.6834, -84.7410

# Complementary

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



85.9370, -17.2239, 111.4343



155.0630, 17.2239, -111.4343

# 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.



101.9770, 58.1853, -89.4338



85.9370, -17.2239, 111.4343



91.1010, 6.3592, -79.8956

# Square

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



85.9370, -17.2239, 111.4343



93.1310, -45.9136, -20.2859



98.6250, 35.1879, -86.4941



106.1510, 58.0996, -15.0414



# Rectangle

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



85.9370, -17.2239, 111.4343



102.6860, -50.6242, 44.1254



98.6250, 35.1879, -86.4941



99.8060, 67.6366, -87.5299

# Sweetspot

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



85.9370, -17.2239, 111.4343



209.6460, -6.2345, 39.7755



96.9300, 57.2225, 79.8684



100.5300, -3.7123, 24.0912



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.



85.9370, -17.2239, 111.4343



79.8930, -23.6112, 153.5688



123.2310, -46.9489, 78.7274



99.5170, -0.7479, 6.5626



53.5230, -16.0338, 103.0273



13.4270, -4.1545, 25.9355



# Inverse Universe

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



85.9370, -17.2239, 111.4343



79.8930, -23.6112, 153.5688



117.7690, 46.9489, -78.7274



99.5170, -0.7479, 6.5626



53.5230, -16.0338, 103.0273



13.4270, -4.1545, 25.9355



# Previews

## White Background



This preview shows how the YUV color 85.9370, -17.2239, 111.4343 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 85.9370, -17.2239, 111.4343 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 85.9370, -17.2239, 111.4343

## Background



This preview shows how black text looks on a background with the YUV color 85.9370, -17.2239, 111.4343.



This preview shows how white text looks on a background with the YUV color 85.9370, -17.2239,



# 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

85.9370, -17.2239, 111.4343

### Protanopia

108.7010, -16.6146, 9.0322

### Deuteranopia

106.4570, -33.2563, 26.7862



## Tritanopia

86.4780, -27.8437, 110.9598

# Trichromacy



## Original Color

85.9370, -17.2239, 111.4343

## Protanomaly

100.2310, -16.8759, 46.2784

## Deuteranomaly

98.8490, -27.5336, 58.0144

## Tritanomaly

86.2160, -23.7705, 111.1896

# Monochromacy



## Original Color

85.9370, -17.2239, 111.4343

## Achromatopsia

86.0000, 0.0000, 0.0000

## Achromatomaly

85.9450, -6.3819, 40.3902

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 85.9370, -17.2239, 111.4343 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(213, 28, 51)` looks like.

```
.text, #text, p{  
    color:rgb(213, 28, 51)  
}
```

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(213, 28, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 28, 51) }
```

## Border

The CSS property to change the border of an element to YUV 85.9370, -17.2239, 111.4343 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(213, 28, 51) }
```



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

```
.border{ border-color:rgb(213, 28, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 28, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 28, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 28, 51);  
box-shadow:4px 4px 4px 4px rgb(213, 28,  
51) }
```

# Background

The CSS property to change the background color of an element to YUV 85.9370, -17.2239, 111.4343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 28, 51) }
```

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

```
.background{ background-color: rgb(213, 28,  
51) }
```

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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