

# Converting Colors

YUV(93.6370, -19.0480,  
89.7724)

Have a look what the booklet for  
YUV(93.6370, -19.0480, 89.7724)  
contains.

<b>YUV(93.6370, -19.0480, 89.7724)</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(93.6370, -19.0480,  
89.7724)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C43137
RGB	196, 49, 55
RGB Percent	77%, 19%, 22%
CMY	0.2314, 0.8078, 0.7843
CMYK	0.00, 0.75, 0.72, 0.23
HSL	358°, 60%, 48%
HSV	358°, 75%, 77%
XYZ	24.5529, 14.2082, 5.0628
YIQ	93.6370, 85.6860, 33.0300

# Conversions

## Conversions Part 2

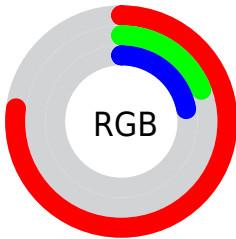
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 49, 55
Decimal	12857655
CIE Lab	44.53, 57.53, 32.44
CIE LCh	45, 66.050, 29.420
Yxy	14.2082, 0.5603, 0.3242
Android (android.graphics.Color)	4291047735 (0xFFC43137)
YUV	93.6370, -19.0480, 89.7724
Hunter-Lab	37.6938, 50.3066, 18.4222

# Details

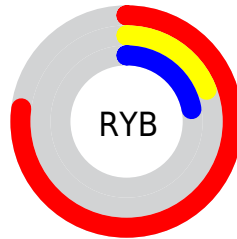
The YUV color **93.6370, -19.0480, 89.7724** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **151.3630, 19.0480, -89.7724**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.6820, -24.0002, 91.4869**, and **41.5480, -14.0742, 81.0804** is the 20% darker color. If you saturate the color by 10%, you get **79.7310, -21.5594, 101.9679**, and if you desaturate by 10%, it is **107.5430, -16.5367, 77.5768**.

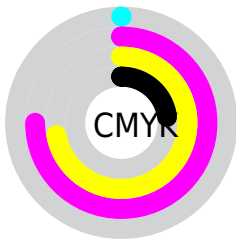
# Distribution



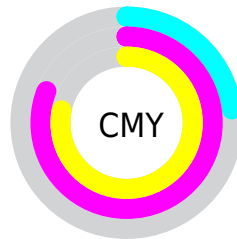
- Red (77%)
- Green (19%)
- Blue (22%)



- Red (77%)
- Yellow (19%)
- Blue (22%)



- Cyan (0%)
- Magenta (75%)
- Yellow (72%)
- Black (23%)




- Cyan (23%)
- Magenta (81%)
- Yellow (78%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 93.6370, -19.0480, 89.7724 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 93.6370, -19.0480, 89.7724 by changing the saturation by 10% instead.




 93.6370, -19.0480,  
89.7724

 93.6370, -19.0480,  
89.7724


255.0000, 0.0000,  
0.0000

 57.2060, -11.9336,  
94.5353


 150.6820,  
-24.0002, 91.4869

 41.5480, -14.0742,  
81.0804


 169.9680,  
-21.1832, 74.5731

 31.0960, -15.3303,  
63.9368

 189.3680,  
-17.9294, 57.5593

 22.2400, -10.4713,  
45.3935

 208.8820,  
-14.2388, 40.4455

 13.9820, -5.9071,  
28.0798

 229.0970,  
-10.4008, 22.7169

 0.0000, 0.0000,  
0.0000

 249.8990, -6.8522,

4.4736

■ 93.6370, -19.0480,  
89.7724

■ 93.6370, -19.0480,  
89.7724

■ 79.7310, -21.5594,  
101.9679

■ 107.5430,  
-16.5367, 77.5768

■ 66.4120, -24.3601,  
113.6487

■ 120.8620,  
-13.7360, 65.8960

■ 59.5160, -25.3974,  
119.6965

■ 134.6540,  
-11.6614, 53.8004

■ 147.9730, -8.8607,  
42.1197

■ 161.8790, -6.3493,  
29.9241

■ 175.7850, -3.8380,  
17.7286

■ 189.1040, -1.0373,  
6.0478

■ 202.8960, 1.0373,  
-6.0478

■ 216.2150, 3.8380,  
-17.7286

# Harmonies

## Analogous

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



90.9990, 8.8745, 93.8399



93.6370, -19.0480, 89.7724



97.2030, -47.9211, 63.8430

# Triad

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



93.6370, -19.0480, 89.7724



78.3910, -16.9548, -68.7489



91.0690, 62.0840, -79.8675

# Complementary

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



93.6370, -19.0480, 89.7724



151.3630, 19.0480, -89.7724

# 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.



96.1750, 51.1857, -84.3455



93.6370, -19.0480, 89.7724



87.4650, 7.6588, -76.7068

# Square

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



93.6370, -19.0480, 89.7724



90.8050, -44.7669, -14.7380



93.7350, 31.6826, -82.2056



104.8500, 47.8950, -8.6384



# Rectangle

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



93.6370, -19.0480, 89.7724



99.4080, -49.0081, 39.1072



93.7350, 31.6826, -82.2056



93.6620, 59.3266, -82.1416

# Sweetspot

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



93.6370, -19.0480, 89.7724



213.9830, -7.3866, 35.9719



107.6180, 43.5723, 71.3720



102.8780, -4.8699, 22.0320



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.



93.6370, -19.0480, 89.7724



94.9100, -29.5356, 140.3989



131.6950, -40.7686, 56.3955



90.1040, -1.0373, 6.0478



48.9370, -20.6749, 98.2793



9.9810, -4.4276, 20.1877



# Inverse Universe

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



93.6370, -19.0480, 89.7724



94.9100, -29.5356, 140.3989



113.3050, 40.7686, -56.3955



90.1040, -1.0373, 6.0478



48.9370, -20.6749, 98.2793



9.9810, -4.4276, 20.1877



# Previews

## White Background



This preview shows how the YUV color 93.6370, -19.0480, 89.7724 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 93.6370, -19.0480, 89.7724 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 93.6370, -19.0480, 89.7724

## Background



This preview shows how black text looks on a background with the YUV color 93.6370, -19.0480, 89.7724.



This preview shows how white text looks on a background with the YUV color 93.6370, -19.0480,



# 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

93.6370, -19.0480, 89.7724

### Protanopia

105.1570, -14.8674, 8.6323

### Deuteranopia

103.9990, -28.5935, 24.5569



## Tritanopia

93.7680, -21.0846, 89.6575

# Trichromacy



## Original Color

93.6370, -19.0480, 89.7724

## Protanomaly

100.7030, -16.1226, 37.9715

## Deuteranomaly

100.0650, -25.1750, 48.1780

## Tritanomaly

93.8820, -20.6478, 89.5575

# Monochromacy



## Original Color

93.6370, -19.0480, 89.7724

## Achromatopsia

94.0000, 0.0000, 0.0000

## Achromatomaly

94.0750, -6.9390, 32.3832

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 93.6370, -19.0480, 89.7724 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, 49, 55)` looks like.

```
.text, #text, p{  
    color:rgb(196, 49, 55)  
}
```

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, 49, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 49, 55) }
```

## Border

The CSS property to change the border of an element to YUV 93.6370, -19.0480, 89.7724 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, 49, 55) }
```



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

```
.border{ border-color:rgb(196, 49, 55) }
```

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

Here you see how a box with a 4 pixel rgb(196, 49, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 49, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 49, 55);  
box-shadow:4px 4px 4px 4px rgb(196, 49,  
55) }
```

# Background

The CSS property to change the background color of an element to YUV 93.6370, -19.0480, 89.7724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 49, 55) }
```

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

```
.background{ background-color: rgb(196, 49,  
55) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor