

# Converting Colors

YUV(101.4260, -39.1570,  
99.6044)

Have a look what the booklet for  
YUV(101.4260, -39.1570, 99.6044)  
contains.

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# Color

**YUV(101.4260, -39.1570,  
99.6044)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D73B16
RGB	215, 59, 22
RGB Percent	84%, 23%, 9%
CMY	0.1569, 0.7686, 0.9137
CMYK	0.00, 0.73, 0.90, 0.16
HSL	12°, 81%, 46%
HSV	12°, 90%, 84%
XYZ	29.7331, 17.6329, 2.5954
YIQ	101.4260, 104.8530, 21.5650

# Conversions

## Conversions Part 2

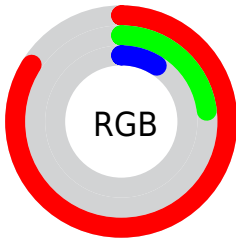
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">215, 68, 22</a>
Decimal	<a href="#">14105366</a>
CIELab	<a href="#">49.05, 59.04, 54.59</a>
CIElCh	<a href="#">49, 80.413, 42.758</a>
Yxy	<a href="#">17.6329, 0.5951, 0.3529</a>
Android (android.graphics.Color)	<a href="#">4292295446</a> ( <a href="#">0xFFD73B16</a> )
YUV	<a href="#">101.4260, -39.1570, 99.6044</a>
Hunter-Lab	<a href="#">41.9916, 52.9058, 25.7295</a>

# Details

The YUV color **101.4260, -39.1570, 99.6044** 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 **135.5740, 39.1570, -99.6044**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.5450, -39.7087, 89.8530**, and **45.1490, -22.2585, 92.8313** is the 20% darker color. If you saturate the color by 10%, you get **89.0530, -43.4101, 110.4555**, and if you desaturate by 10%, it is **113.9130, -34.4671, 88.6533**.

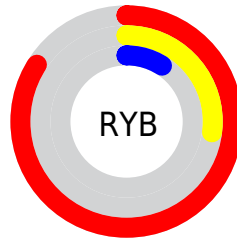
# Distribution



Red (84%)

Green (23%)

Blue (9%)



Red (84%)

Yellow (27%)

Blue (9%)

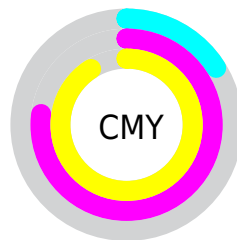


Cyan (0%)

Magenta (73%)

Yellow (90%)

Black (16%)



Cyan (16%)

Magenta (77%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 101.4260, -39.1570, 99.6044 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 101.4260, -39.1570, 99.6044 by changing the saturation by 10% instead.



101.4260,  
-39.1570, 99.6044

101.4260,  
-39.1570, 99.6044

255.0000, 0.0000,  
0.0000

68.8050, -33.9209,  
100.1490

152.5450,  
-39.7087, 89.8530

45.1490, -22.2585,  
92.8313

171.8310,  
-36.8917, 72.9392

35.8800, -17.6888,  
73.7732

191.8180,  
-33.9273, 55.4106

26.6110, -13.1192,  
54.7152

211.8050,  
-30.9629, 37.8820

18.5810, -7.6814,  
37.2015

231.9060,  
-27.5617, 20.2534

7.2900, -3.1010,  
14.6547

249.1860,

0.0000, 0.0000,

-22.2767, 5.0989

0.0000

252.4920, -9.6096,  
2.1995

101.4260,  
-39.1570, 99.6044

101.4260,  
-39.1570, 99.6044

89.0530, -43.4101,  
110.4555

113.9130,  
-34.4671, 88.6533

88.3520, -43.5575,  
111.0703

126.8730,  
-30.5034, 77.2874

139.3600,  
-25.8135, 66.3363

152.3200,  
-21.8498, 54.9704

164.8070,  
-17.1599, 44.0193

■ 177.1800,  
-12.9067, 33.1681

■ 190.2540, -8.5062,  
21.7022

■ 202.6270, -4.2531,  
10.8511

■ 215.1140, 0.4368,  
-0.1000

# Harmonies

## Analogous

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



79.7420, 5.5502, 133.5303



101.4260, -39.1570, 99.6044



109.8400, -54.1511, 55.3913

# Triad

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



101.4260, -39.1570, 99.6044



91.6760, -9.2073, -80.3999



96.8200, 76.5037, -84.9111

# Complementary

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



101.4260, -39.1570, 99.6044



135.5740, 39.1570, -99.6044

# 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.



108.1040, 68.9687, -94.8072



101.4260, -39.1570, 99.6044



101.6450, 21.3740, -89.1427

# Square

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



101.4260, -39.1570, 99.6044



82.2240, -40.5364, -65.0944



108.3540, 49.6185, -95.0265



117.8470, 49.3754, 29.9522



# Rectangle

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



101.4260, -39.1570, 99.6044



109.0550, -53.7641, 24.5078



108.3540, 49.6185, -95.0265



101.8580, 75.4990, -89.3295

# Sweetspot

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



101.4260, -39.1570, 99.6044



214.2620, -13.9332, 35.7272



97.7190, 40.5645, 102.8554



103.9550, -8.3588, 21.0875



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.



101.4260, -39.1570, 99.6044



105.0080, -51.7689, 131.5430



157.1910, -66.6492, 50.6985



100.4630, -2.2003, 5.7329



70.5000, -34.7565, 88.1385



17.5530, -8.6536, 22.3170

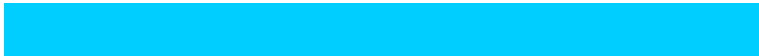


# Inverse Universe

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



135.5740, 39.1570, -99.6044



149.9920, 51.7689, -131.5430



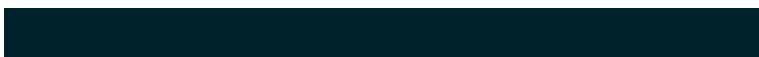
79.8090, 66.6492, -50.6985



102.5370, 2.2003, -5.7329



100.5000, 34.7565, -88.1385



25.4470, 8.6536, -22.3170



# Previews

## White Background



This preview shows how the YUV color 101.4260, -39.1570, 99.6044 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 101.4260, -39.1570, 99.6044 looks on a black 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

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

# YUV 101.4260, -39.1570, 99.6044 Background



This preview shows how black text looks on a background with the YUV color 101.4260, -39.1570, 99.6044.



This preview shows how white text looks on a background with the YUV color 101.4260, -39.1570,



# 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

101.4260, -39.1570, 99.6044

### Protanopia

111.9520, -37.4443, 16.7051

### Deuteranopia

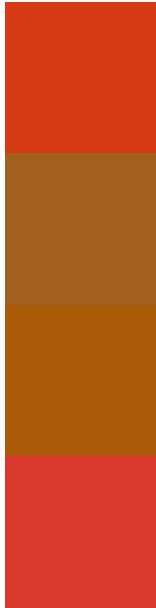
109.4090, -53.9386, 33.8443



## Tritanopia

103.9540, -23.1483, 98.2643

# Trichromacy



## Original Color

101.4260, -39.1570, 99.6044

## Protanomaly

108.3240, -38.1207, 47.0739

## Deuteranomaly

106.3440, -48.4836, 57.5803

## Tritanomaly

103.0590, -29.1161, 99.0493

# Monochromacy



## Original Color

101.4260, -39.1570, 99.6044

## Achromatopsia

101.0000, 0.0000, 0.0000

## Achromatomaly

101.1480, -14.3700, 35.8272

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 101.4260, -39.1570, 99.6044 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(215, 59, 22)` looks like.

```
.text, #text, p{  
    color:rgb(215, 59, 22)  
}
```

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(215, 59, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 59, 22) }
```

## Border

The CSS property to change the border of an element to YUV 101.4260, -39.1570, 99.6044 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(215, 59, 22) }
```



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

```
.border{ border-color:rgb(215, 59, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 59, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 59, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 59, 22);  
box-shadow:4px 4px 4px 4px rgb(215, 59,  
22) }
```

# Background

The CSS property to change the background color of an element to YUV 101.4260, -39.1570, 99.6044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 59, 22) }
```

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

```
.background{ background-color: rgb(215, 59,  
22) }
```

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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