

# Converting Colors

YUV(105.3860, -51.9553,  
97.8855)

Have a look what the booklet for  
YUV(105.3860, -51.9553, 97.8855)  
contains.

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# Color

**YUV(105.3860, -51.9553,  
97.8855)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D94500
RGB	217, 69, 0
RGB Percent	85%, 27%, 0%
CMY	0.1490, 0.7294, 1.0000
CMYK	0.00, 0.68, 1.00, 0.15
HSL	19°, 100%, 43%
HSV	19°, 100%, 85%
XYZ	30.7434, 19.0080, 2.0485
YIQ	105.3860, 110.3570, 9.9170

# Conversions

## Conversions Part 2

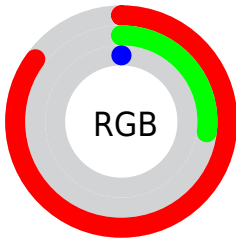
Format	Color
<a href="#">RYB</a>	<a href="#">217, 101, 0</a>
Decimal	<a href="#">14238976</a>
CIELab	<a href="#">50.70, 55.74, 61.80</a>
CIElCh	<a href="#">51, 83.222, 47.953</a>
Yxy	<a href="#">19.0080, 0.5935, 0.3669</a>
Android (android.graphics.Color)	<a href="#">4292429056</a> (0xFFD94500)
YUV	<a href="#">105.3860, -51.9553, 97.8855</a>
Hunter-Lab	<a href="#">43.5981, 49.5733, 27.7328</a>

# Details

The YUV color **105.3860, -51.9553, 97.8855** 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 **111.6140, 51.9553, -97.8855**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.4600, -47.5548, 86.4196**, and **45.7470, -22.5533, 94.0609** is the 20% darker color. If you saturate the color by 10%, you get **105.3860, -51.9553, 97.8855**, and if you desaturate by 10%, it is **116.6990, -46.6866, 87.9640**.

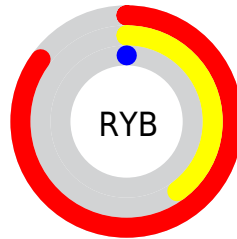
# Distribution



Red (85%)

Green (27%)

Blue (0%)



Red (85%)

Yellow (40%)

Blue (0%)

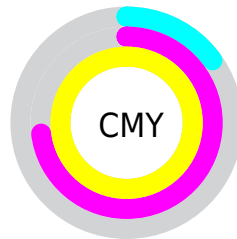


Cyan (0%)

Magenta (68%)

Yellow (100%)

Black (15%)



Cyan (15%)

Magenta (73%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 105.3860, -51.9553, 97.8855 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 105.3860, -51.9553, 97.8855 by changing the saturation by 10% instead.




 105.3860,  
-51.9553, 97.8855


 105.3860,  
-51.9553, 97.8855


 254.5440, -1.7472,  
0.3999


 78.2080, -38.5565,  
93.6566


 156.4600,  
-47.5548, 86.4196


 45.7470, -22.5533,  
94.0609


 175.2730,  
-44.0116, 69.9206


 36.1790, -17.8362,  
74.3880


 195.2600,  
-41.0472, 52.3920

 27.2090, -13.4140,  
55.9447

 214.6600,  
-37.7934, 35.3782

 19.0650, -8.4130,  
38.5310

 235.4620,  
-34.2448, 17.1348


 8.7850, -3.8380,  
17.7286

 247.9320,


 0.0000, 0.0000,

-27.0815, 6.1986

0.0000

 251.2380,  
-14.4143, 3.2993


 105.3860,  
-51.9553, 97.8855

 116.6990,  
-46.6866, 87.9640

 127.8980,  
-41.8547, 78.1425

 138.6240,  
-36.2966, 68.7358

 149.9370,  
-31.0279, 58.8143

 161.2500,  
-25.7592, 48.8928

■ 172.4490,  
-20.9274, 39.0712

■ 183.7620,  
-15.6587, 29.1497

■ 194.4880,  
-10.1006, 19.7430

■ 205.6870, -5.2687,  
9.9215

# Harmonies

## Analogous

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



81.1080, 0.4398, 139.3483



105.3860, -51.9553, 97.8855



113.6390, -56.0240, 49.4286

# Triad

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



105.3860, -51.9553, 97.8855



97.0220, -3.9548, -85.0883



96.5750, 78.1035, -84.6963

# Complementary

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



105.3860, -51.9553, 97.8855



111.6140, 51.9553, -97.8855

# 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.



110.0760, 71.4475, -96.5367



105.3860, -51.9553, 97.8855



106.6320, 27.7894, -93.5163

# Square

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



105.3860, -51.9553, 97.8855



83.9410, -41.3829, -73.6163



112.6400, 55.8865, -98.7853



120.4900, 47.5794, 46.0513



# Rectangle

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



105.3860, -51.9553, 97.8855



111.6580, -55.0474, 16.0859



112.6400, 55.8865, -98.7853



101.8580, 75.4990, -89.3295

# Sweetspot

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



105.3860, -51.9553, 97.8855



215.8120, -18.1483, 34.3679



81.7550, 32.6588, 118.6099



103.9720, -10.8322, 21.0726



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.



105.3860, -51.9553, 97.8855



123.7920, -61.0295, 115.0694



168.7820, -83.2095, 42.2872



104.0500, -2.4896, 5.2182



84.0120, -41.4179, 78.0425



22.5590, -11.1216, 20.5578

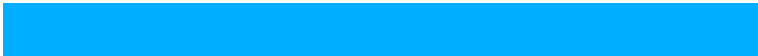


# Inverse Universe

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



111.6140, 51.9553, -97.8855



131.2080, 61.0295, -115.0694



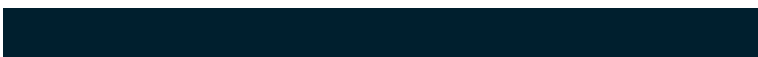
48.2180, 83.2095, -42.2872



104.3630, 2.7790, -4.7034



88.9880, 41.4179, -78.0425



23.4410, 11.1216, -20.5578



# Previews

## White Background



This preview shows how the YUV color 105.3860, -51.9553, 97.8855 looks on a white 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



# Black Background



This preview shows how the YUV color 105.3860, -51.9553, 97.8855 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 105.3860, -51.9553, 97.8855

## Background



This preview shows how black text looks on a background with the YUV color 105.3860, -51.9553, 97.8855.



This preview shows how white text looks on a background with the YUV color 105.3860, -51.9553, 97.8855.



# 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



### Protanopia

115.1990, -45.4541, 19.1195

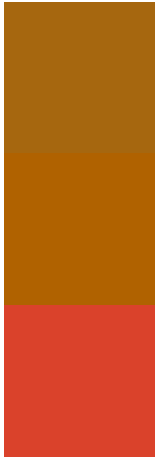
### Deuteranopia

113.2520, -55.8332, 34.8590

### Tritanopia

110.3880, -21.3903, 94.3757

# Trichromacy



## Protanomaly

111.8050, -47.7249, 47.5290

## Deuteranomaly

110.1500, -54.3039, 57.7505

## Tritanomaly

108.8260, -32.4522, 95.7456

# Monochromacy



## Achromatopsia

105.0000, 0.0000, 0.0000

## Achromatomaly

105.2960, -18.8799, 35.6974

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 105.3860, -51.9553, 97.8855 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(217, 69, 0)` looks like.

```
.text, #text, p{  
    color:rgb(217, 69, 0)  
}
```

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(217, 69, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 69, 0) }
```

## Border

The CSS property to change the border of an element to YUV 105.3860, -51.9553, 97.8855 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(217, 69, 0) }
```

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

```
.border{ border-color:rgb(217, 69, 0) }
```

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

Here you see how a box with a 4 pixel rgb(217, 69, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 69, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 69, 0);  
box-shadow:4px 4px 4px 4px rgb(217, 69, 0)  
}
```



# Background

The CSS property to change the background color of an element to YUV 105.3860, -51.9553, 97.8855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 69, 0) }
```

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

```
.background{ background-color: rgb(217, 69,  
0) }
```

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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