

# Converting Colors

YUV(160.8190, -79.2838,  
43.1317)

Have a look what the booklet for  
YUV(160.8190, -79.2838, 43.1317)  
contains.

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# Color

**YUV(160.8190, -79.2838,  
43.1317)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D2A700
RGB	210, 167, 0
RGB Percent	82%, 65%, 0%
CMY	0.1765, 0.3451, 1.0000
CMYK	0.00, 0.20, 1.00, 0.18
HSL	48°, 100%, 41%
HSV	48°, 100%, 82%
XYZ	40.3971, 41.3391, 5.8501
YIQ	160.8190, 79.2350, -42.8210

# Conversions

## Conversions Part 2

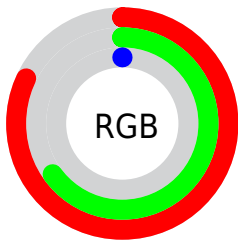
Format	Color
<a href="#">RYB</a>	<a href="#">54, 210, 0</a>
Decimal	<a href="#">13805312</a>
CIELab	<a href="#">70.41, 3.46, 73.52</a>
CIELCh	<a href="#">70, 73.601, 87.305</a>
Yxy	<a href="#">41.3391, 0.4612, 0.4720</a>
Android (android.graphics.Color)	<a href="#">4291995392</a> ( <a href="#">0xFFD2A700</a> )
YUV	<a href="#">160.8190, -79.2838, 43.1317</a>
Hunter-Lab	<a href="#">64.2955, -0.3649, 39.6122</a>

# Details

The YUV color **160.8190, -79.2838, 43.1317** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **49.1810, 79.2838, -43.1317**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.4510, -67.7633, 34.6845**, and **112.9420, -55.6804, 32.4999** is the 20% darker color. If you saturate the color by 10%, you get **160.8190, -79.2838, 43.1317**, and if you desaturate by 10%, it is **165.5610, -71.2686, 38.9730**.

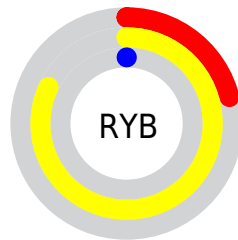
# Distribution



Red (82%)

Green (65%)

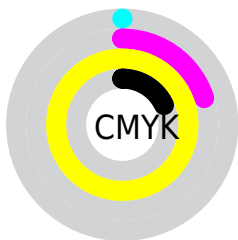
Blue (0%)



Red (21%)

Yellow (82%)

Blue (0%)

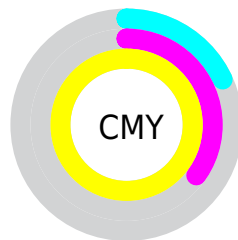


Cyan (0%)

Magenta (20%)

Yellow (100%)

Black (18%)



Cyan (18%)

Magenta (35%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 160.8190, -79.2838, 43.1317 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 160.8190, -79.2838, 43.1317 by changing the saturation by 10% instead.



■ 160.8190,  
-79.2838, 43.1317

■ 160.8190,  
-79.2838, 43.1317

■ 255.0000, 0.0000,  
0.0000

■ 136.5870,  
-67.3374, 38.0732

■ 215.4510,  
-67.7633, 34.6845

■ 112.9420,  
-55.6804, 32.4999

■ 235.0790,  
-63.6359, 17.4707

■ 89.5960, -44.1708,  
27.5413

■ 241.2060,  
-52.8526, 12.0973

■ 67.7230, -33.3874,  
22.1679

■ 244.5120,  
-40.1854, 9.1980

■ 46.7360, -23.0408,  
16.8945

■ 247.7040,  
-27.9551, 6.3986

■ 27.2220, -13.4204,  
11.2063

■ 251.0100,

■ 3.2890, -1.6215,

-15.2879, 3.4992

6.7625

254.4300, -2.1840,  
0.4999

0.0000, 0.0000,  
0.0000

160.8190,  
-79.2838, 43.1317

165.5610,  
-71.2686, 38.9730

170.8900,  
-63.5428, 34.2995

175.6320,  
-55.5276, 30.1407

180.3740,  
-47.5124, 25.9820

185.7030,  
-39.7866, 21.3085

■ 190.4450,  
-31.7714, 17.1497

■ 195.1870,  
-23.7562, 12.9910

■ 199.9290,  
-15.7410, 8.8323

■ 205.2580, -8.0152,  
4.1587

# Harmonies

## Analogous

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



164.9230, -53.2060, 78.9975



160.8190, -79.2838, 43.1317



156.4130, -60.3496, -10.0092

# Triad

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



160.8190, -79.2838, 43.1317



145.6090, 42.5908, -127.6991



175.8590, 34.5795, 62.3907

# Complementary

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



160.8190, -79.2838, 43.1317



49.1810, 79.2838, -43.1317

# 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.



168.7700, 42.5114, -8.5683



160.8190, -79.2838, 43.1317



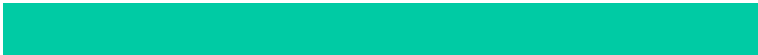
144.7090, 54.3735, -126.9098

# Square

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



160.8190, -79.2838, 43.1317



137.8570, 12.8885, -120.9006



135.9040, 58.7143, -119.1878



158.5140, 11.0856, 84.6182



# Rectangle

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



160.8190, -79.2838, 43.1317



148.6150, -36.7852, -54.9134



135.9040, 58.7143, -119.1878



175.8780, 39.0071, 42.2030

# Sweetspot

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



160.8190, -79.2838, 43.1317



236.9440, -28.5664, 15.8351



68.0340, -10.8628, 124.5042



116.8860, -17.1988, 9.7470



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.



160.8190, -79.2838, 43.1317



195.4060, -96.3352, 52.2639



168.4190, -83.0306, -15.2765



101.9850, -3.9366, 2.6442



128.8900, -63.5428, 34.2995



31.0430, -15.3042, 8.7323



# Inverse Universe

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



49.1810, 79.2838, -43.1317



59.5940, 96.3352, -52.2639



41.5810, 83.0306, 15.2765



96.4280, 4.2260, -2.1294



39.1100, 63.5428, -34.2995



9.3700, 15.5936, -8.2175



# Previews

## White Background



This preview shows how the YUV color 160.8190, -79.2838, 43.1317 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 160.8190, -79.2838, 43.1317 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 ✓ Pass

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

# YUV 160.8190, -79.2838, 43.1317

## Background



This preview shows how black text looks on a background with the YUV color 160.8190, -79.2838, 43.1317.



This preview shows how white text looks on a background with the YUV color 160.8190, -79.2838,



# 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

160.9960, -74.4410, 29.8215

### Deuteranopia

163.0460, -73.4797, 48.1947

### Tritanopia

175.5040, -4.1925, 38.1460

# Trichromacy



## Protanomaly

160.8610, -76.3465, 34.3249

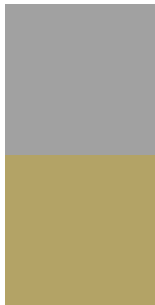
## Deuteranomaly

162.1660, -75.5108, 46.3354

## Tritanomaly

170.0010, -31.5525, 40.3411

# Monochromacy



## Achromatopsia

161.0000, 0.0000, 0.0000

## Achromatomaly

160.8300, -29.0032, 15.9351

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 160.8190, -79.2838, 43.1317 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(210, 167, 0)` looks like.

```
.text, #text, p{  
    color:rgb(210, 167, 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(210, 167, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 167, 0) }
```

## Border

The CSS property to change the border of an element to YUV 160.8190, -79.2838, 43.1317 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(210, 167, 0) }
```

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

```
.border{ border-color:rgb(210, 167, 0) }
```

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

Here you see how a box with a 4 pixel rgb(210, 167, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 167, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 167, 0);  
box-shadow:4px 4px 4px 4px rgb(210, 167,  
0) }
```



# Background

The CSS property to change the background color of an element to YUV 160.8190, -79.2838, 43.1317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 167, 0) }
```

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

```
.background{ background-color: rgb(210,  
167, 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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