

# Converting Colors

YUV(79.9010, -39.3912,  
128.1288)

Have a look what the booklet for  
YUV(79.9010, -39.3912, 128.1288)  
contains.

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# Color

**YUV(79.9010, -39.3912,  
128.1288)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | E21500                     |
| RGB           | 226, 21, 0                 |
| RGB Percent   | 89%, 8%, 0%                |
| CMY           | 0.1137, 0.9176, 1.0000     |
| CMYK          | 0.00, 0.91, 1.00, 0.11     |
| HSL           | 6°, 100%, 44%              |
| HSV           | 6°, 100%, 89%              |
| XYZ           | 31.6322, 16.7051, 1.5572   |
| YIQ           | 79.9010, 128.9210, 36.9290 |

# Conversions

## Conversions Part 2

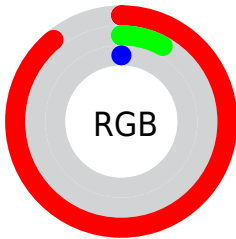
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 226, 23, 0                     |
| Decimal                             | 14816512                       |
| CIE <sub>Lab</sub>                  | 47.89, 71.13, 61.60            |
| CIE <sub>LCh</sub>                  | 48, 94.094, 40.896             |
| Yxy                                 | 16.7051, 0.6340,<br>0.3348     |
| Android<br>(android.graphics.Color) | 4293006592<br>(0xFFE21500)     |
| YUV                                 | 79.9010, -39.3912,<br>128.1288 |
| Hunter-Lab                          | 40.8719, 66.6218,<br>26.3514   |

# Details

The YUV color **79.9010, -39.3912, 128.1288** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **146.0990, 39.3912, -128.1288**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.9810, -40.9096, 101.7487**, and **47.8400, -23.5851, 98.3643** is the 20% darker color. If you saturate the color by 10%, you get **79.9010, -39.3912, 128.1288**, and if you desaturate by 10%, it is **94.8500, -35.4220, 115.0186**.

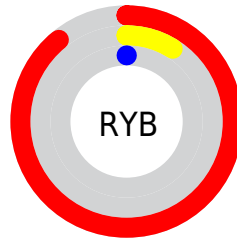
# Distribution



Red (89%)

Green (8%)

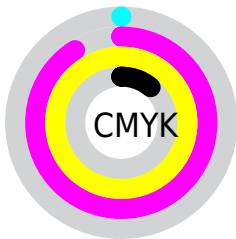
Blue (0%)



Red (89%)

Yellow (9%)

Blue (0%)

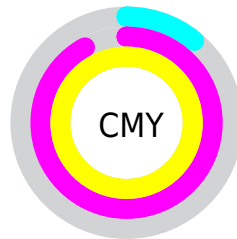


Cyan (0%)

Magenta (91%)

Yellow (100%)

Black (11%)



Cyan (11%)

Magenta (92%)


Yellow (100%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 79.9010, -39.3912, 128.1288 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 79.9010, -39.3912, 128.1288 by changing the saturation by 10% instead.





 79.9010, -39.3912,  
128.1288

 79.9010, -39.3912,  
128.1288


 253.7460, -4.8048,  
1.0998

 57.7070, -28.4496,  
118.6520


 138.9810,  
-40.9096, 101.7487

 47.8400, -23.5851,  
98.3643


 158.8540,  
-38.3820, 84.3200


 38.2720, -18.8681,  
78.6915


 179.4280,  
-35.7070, 66.2766

 28.8180, -13.7143,  
58.9186

 199.4150,  
-32.7426, 48.7480

 20.3750, -8.5659,  
40.8901

 220.1030,  
-29.6308, 30.6047


 9.9810, -4.4276,  
20.1877


 240.7910,


 0.0000, 0.0000,


-26.5190, 12.4613


0.0000

 250.5540,  
-17.0351, 3.8991

 79.9010, -39.3912,  
128.1288

 94.8500, -35.4220,  
115.0186

 109.0980,  
-31.6003, 102.5231

 124.0470,  
-27.6312, 89.4128

 138.2950,  
-23.8094, 76.9173

 153.2440,  
-19.8403, 63.8070

■ 167.6060,  
-15.5818, 51.2115

■ 182.4410,  
-12.0494, 38.2012

■ 196.8030, -7.7909,  
25.6058

■ 211.6380, -4.2585,  
12.5955

# Harmonies

## Analogous

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



83.4010, 2.7603, 141.7223



79.9010, -39.3912, 128.1288



106.3510, -52.4310, 63.7132

# Triad

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



79.9010, -39.3912, 128.1288



89.2650, -15.9066, -78.2854



97.1620, 77.8141, -85.2111

# Complementary

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



79.9010, -39.3912, 128.1288



146.0990, 39.3912, -128.1288

# 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.



109.4890, 71.7369, -96.0219



79.9010, -39.3912, 128.1288



100.7160, 20.3530, -88.3279

# Square

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



79.9010, -39.3912, 128.1288



79.2450, -39.0678, -69.4979



109.3800, 53.5497, -95.9263



112.5230, 60.8742, 28.4823



# Rectangle

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



79.9010, -39.3912, 128.1288



106.7070, -52.6066, 26.5670



109.3800, 53.5497, -95.9263



102.4450, 75.2096, -89.8443

# Sweetspot

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



79.9010, -39.3912, 128.1288



205.8330, -13.2287, 43.1195



91.1720, 57.1032, 118.2442



98.1020, -7.9383, 26.2205



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.



79.9010, -39.3912, 128.1288



90.3330, -44.5342, 144.4130



145.0580, -71.5136, 70.9861



104.8760, -1.9109, 6.2477



62.0160, -30.5739, 99.9640



17.2870, -8.5225, 26.9353



# Inverse Universe

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



146.0990, 39.3912, -128.1288



164.6670, 44.5342, -144.4130



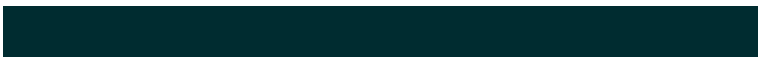
80.9420, 71.5136, -70.9861



108.1240, 1.9109, -6.2477



113.9840, 30.5739, -99.9640



31.3000, 8.2331, -27.4501



# Previews

## White Background



This preview shows how the YUV color 79.9010, -39.3912, 128.1288 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



## 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 79.9010, -39.3912, 128.1288

## Background



This preview shows how black text looks on a background with the YUV color 79.9010, -39.3912, 128.1288.



This preview shows how white text looks on a background with the YUV color 79.9010, -39.3912,



# 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

109.3820, -39.6283, 17.2050

### Deuteranopia

107.3380, -52.9176, 33.0296

### Tritanopia

80.8130, -35.8968, 127.3290

# Trichromacy



## Protanomaly

98.6350, -39.7531, 57.3251

## Deuteranomaly

97.2250, -47.9319, 67.3317

## Tritanomaly

80.4710, -37.2072, 127.6289

# Monochromacy



## Achromatopsia

80.0000, 0.0000, 0.0000

## Achromatomaly

80.2140, -14.4025, 46.2933

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 79.9010, -39.3912, 128.1288 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(226, 21, 0)` looks like.

```
.text, #text, p{  
    color:rgb(226, 21, 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(226, 21, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 21, 0) }
```

## Border

The CSS property to change the border of an element to YUV 79.9010, -39.3912, 128.1288 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(226, 21, 0) }
```

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

```
.border{ border-color:rgb(226, 21, 0) }
```

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

Here you see how a box with a 4 pixel rgb(226, 21, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 21, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 21, 0);  
box-shadow:4px 4px 4px 4px rgb(226, 21, 0)  
}
```



# Background

The CSS property to change the background color of an element to YUV 79.9010, -39.3912, 128.1288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 21, 0) }
```

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

```
.background{ background-color: rgb(226, 21,  
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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