

# Converting Colors

YUV(79.6830, -31.8887,  
148.4910)

Have a look what the booklet for  
YUV(79.6830, -31.8887, 148.4910)  
contains.

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# Color

**YUV(79.6830, -31.8887,  
148.4910)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9060F
RGB	249, 6, 15
RGB Percent	98%, 2%, 6%
CMY	0.0235, 0.9765, 0.9412
CMYK	0.00, 0.98, 0.94, 0.02
HSL	358°, 95%, 50%
HSV	358°, 98%, 98%
XYZ	39.2183, 20.3045, 2.3041
YIQ	79.6830, 141.9390, 54.3150

# Conversions

## Conversions Part 2

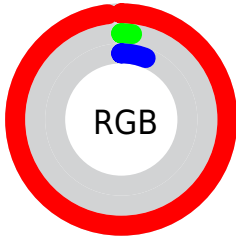
<b>Format</b>	<b>Color</b>
<b>RYB</b>	249, 6, 15
Decimal	16320015
CIELab	52.18, 78.36, 62.23
CIELCh	52, 100.065, 38.456
Yxy	20.3045, 0.6343, 0.3284
Android (android.graphics.Color)	4294510095 (0xFFFF9060F)
YUV	79.6830, -31.8887, 148.4910
Hunter-Lab	45.0605, 76.5011, 28.5107

# Details

The YUV color **79.6830, -31.8887, 148.4910** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **175.3170, 31.8887, -148.4910**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.2350, -36.1049, 100.6489**, and **54.4180, -26.8281, 111.8894** is the 20% darker color. If you saturate the color by 10%, you get **75.4770, -32.7732, 152.1797**, and if you desaturate by 10%, it is **97.0940, -28.6403, 133.2216**.

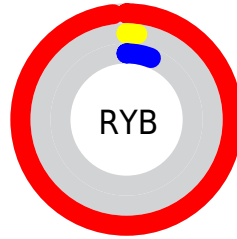
# Distribution



Red (98%)

Green (2%)

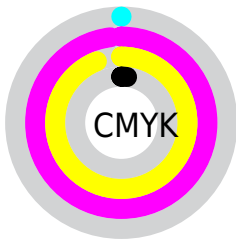
Blue (6%)



Red (98%)

Yellow (2%)

Blue (6%)

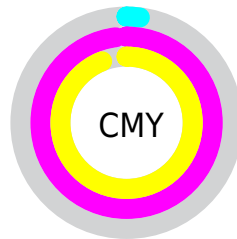


Cyan (0%)

Magenta (98%)

Yellow (94%)

Black (2%)



Cyan (2%)

Magenta (98%)


Yellow (94%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 79.6830, -31.8887, 148.4910 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 79.6830, -31.8887, 148.4910 by changing the saturation by 10% instead.





 79.6830, -31.8887,  
148.4910


 79.6830, -31.8887,  
148.4910


255.0000, 0.0000,  
0.0000


 64.2850, -31.6925,  
132.1771


 140.2350,  
-36.1049, 100.6489


 54.4180, -26.8281,  
111.8894


 161.8690,  
-34.4454, 81.6759


 44.5510, -21.9636,  
91.6018


 182.3290,  
-32.2072, 63.7325

 34.7980, -16.6624,  
71.2142

 203.0170,  
-29.0954, 45.5891

 25.8710, -10.7824,  
51.8561

 223.7050,  
-25.9836, 27.4457


 16.0750, -6.9390,  
32.3832

 245.0940,


 1.1960, -0.5896,


-22.7243, 8.6876


2.4591


 251.8080,  
-12.2303, 2.7994


 0.0000, 0.0000,  
0.0000


 79.6830, -31.8887,  
148.4910


 79.6830, -31.8887,  
148.4910


 75.4770, -32.7732,  
152.1797

 97.0940, -28.6403,  
133.2216

 114.5050,  
-25.3920, 117.9521

 131.9160,  
-22.1436, 102.6827

 149.3270,  
-18.8952, 87.4132

 166.7380,  
-15.6468, 72.1438

■ 183.5620,  
-12.1091, 57.3891

■ 200.9730, -8.8607,  
42.1197

■ 218.3840, -5.6123,  
26.8502

■ 235.7950, -2.3639,  
11.5808

# Harmonies

## Analogous

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



88.2150, 8.2750, 146.2704



79.6830, -31.8887, 148.4910



115.5650, -56.9735, 74.0495

# Triad

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



79.6830, -31.8887, 148.4910



96.6680, -20.5423, -84.7778



105.3800, 73.7627, -92.4183

# Complementary

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



79.6830, -31.8887, 148.4910



175.3170, 31.8887, -148.4910

# 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.



117.7070, 67.6854, -103.2290



79.6830, -31.8887, 148.4910



109.0310, 19.2117, -95.6202

# Square

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



79.6830, -31.8887, 148.4910



86.2890, -42.5405, -75.6755



119.0800, 55.1766, -104.4332



122.9180, 65.1164, 21.1199



# Rectangle

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



79.6830, -31.8887, 148.4910



117.0840, -57.7224, 34.1293



119.0800, 55.1766, -104.4332



110.6630, 71.1581, -97.0515

# Sweetspot

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



79.6830, -31.8887, 148.4910



203.4680, -9.5977, 45.1936



102.7710, 72.0909, 117.7188



96.6830, -5.7597, 27.4650



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.



79.6830, -31.8887, 148.4910



77.2710, -33.6576, 155.8683



142.6400, -67.3635, 93.2777



116.0010, -1.4795, 7.8921



57.3090, -24.8023, 115.4930



18.4670, -8.1182, 37.3014



# Inverse Universe

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



79.6830, -31.8887, 148.4910



77.2710, -33.6576, 155.8683



112.3600, 67.3635, -93.2777



116.0010, -1.4795, 7.8921



57.3090, -24.8023, 115.4930



18.4670, -8.1182, 37.3014



# Previews

## White Background



This preview shows how the YUV color 79.6830, -31.8887, 148.4910 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

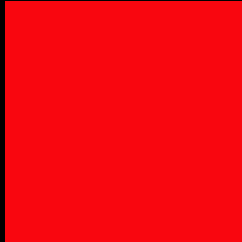
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 79.6830, -31.8887, 148.4910 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 79.6830, -31.8887, 148.4910

## Background



This preview shows how black text looks on a background with the YUV color 79.6830, -31.8887, 148.4910.



This preview shows how white text looks on a background with the YUV color 79.6830, -31.8887,



# 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

79.6830, -31.8887, 148.4910

### Protanopia

120.4530, -40.6493, 18.0197

### Deuteranopia

117.0950, -57.7278, 35.8737



## Tritanopia

87.3540, -43.0655, 140.0095

# Trichromacy



## Original Color

79.6830, -31.8887, 148.4910

## Protanomaly

105.3740, -37.1594, 65.4470

## Deuteranomaly

103.4650, -48.5432, 76.7682

## Tritanomaly

84.7010, -39.2926, 143.2132

# Monochromacy



## Original Color

79.6830, -31.8887, 148.4910

## Achromatopsia

80.0000, 0.0000, 0.0000

## Achromatomaly

79.6540, -11.6614, 53.8004

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 79.6830, -31.8887, 148.4910 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(249, 6, 15)` looks like.

```
.text, #text, p{  
    color:rgb(249, 6, 15)  
}
```

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(249, 6, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 6, 15) }
```

## Border

The CSS property to change the border of an element to YUV 79.6830, -31.8887, 148.4910 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(249, 6, 15) }
```



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

```
.border{ border-color:rgb(249, 6, 15) }
```

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

Here you see how a box with a 4 pixel rgb(249, 6, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 6, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 6, 15);  
box-shadow:4px 4px 4px 4px rgb(249, 6, 15)  
}
```

# Background

The CSS property to change the background color of an element to YUV 79.6830, -31.8887, 148.4910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 6, 15) }
```

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

```
.background{ background-color: rgb(249, 6,  
15) }
```

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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