

# Converting Colors

YUV(82.8760, -31.4909,  
114.1187)

Have a look what the booklet for  
YUV(82.8760, -31.4909, 114.1187)  
contains.

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# Color

**YUV(82.8760, -31.4909,  
114.1187)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D51D13
RGB	213, 29, 19
RGB Percent	84%, 11%, 7%
CMY	0.1647, 0.8863, 0.9255
CMYK	0.00, 0.86, 0.91, 0.16
HSL	3°, 84%, 45%
HSV	3°, 91%, 84%
XYZ	27.9975, 15.0719, 2.0496
YIQ	82.8760, 112.8740, 35.8980

# Conversions

## Conversions Part 2

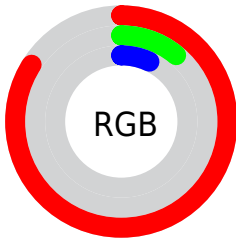
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">213, 30, 19</a>
Decimal	<a href="#">13966611</a>
CIELab	<a href="#">45.73, 66.59, 53.23</a>
CIElCh	<a href="#">46, 85.256, 38.637</a>
Yxy	<a href="#">15.0719, 0.6205, 0.3340</a>
Android (android.graphics.Color)	<a href="#">4292156691</a> ( <a href="#">0xFFD51D13</a> )
YUV	<a href="#">82.8760, -31.4909, 114.1187</a>
Hunter-Lab	<a href="#">38.8225, 60.7887, 24.0456</a>

# Details

The YUV color **82.8760, -31.4909, 114.1187** 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 **149.1240, 31.4909, -114.1187**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.8220, -36.3942, 100.1341**, and **44.2520, -21.8162, 90.9870** is the 20% darker color. If you saturate the color by 10%, you get **70.1440, -34.5810, 125.2847**, and if you desaturate by 10%, it is **97.0100, -28.1059, 101.7232**.

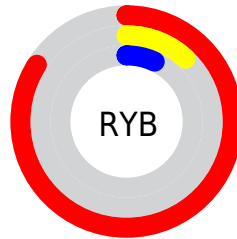
# Distribution



Red (84%)

Green (11%)

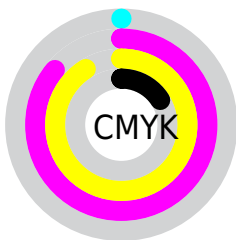
Blue (7%)



Red (84%)

Yellow (12%)

Blue (7%)

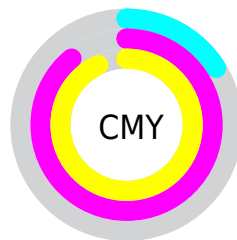


Cyan (0%)

Magenta (86%)

Yellow (91%)

Black (16%)



Cyan (16%)

Magenta (89%)


Yellow (93%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 82.8760, -31.4909, 114.1187 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 82.8760, -31.4909, 114.1187 by changing the saturation by 10% instead.





 82.8760, -31.4909,  
114.1187


 82.8760, -31.4909,  
114.1187


255.0000, 0.0000,  
0.0000


 53.8200, -26.5333,  
110.6599


 140.8220,  
-36.3942, 100.1341

 44.2520, -21.8162,  
90.9870


 160.6950,  
-33.8666, 82.7055


 34.6840, -17.0992,  
71.3141


 180.5680,  
-31.3390, 65.2769

 25.5290, -12.0928,  
52.1561

 200.6690,  
-27.9378, 47.6483

 16.9720, -7.3812,  
34.2276

 220.7700,  
-24.5366, 30.0197


 3.8870, -1.9163,  
7.9921


 241.4580,


 0.0000, 0.0000,


-21.4248, 11.8763


0.0000


 251.6940,  
-12.6671, 2.8994

 82.8760, -31.4909,  
114.1187


 82.8760, -31.4909,  
114.1187


 70.1440, -34.5810,  
125.2847

 97.0100, -28.1059,  
101.7232

 111.2580,  
-24.2842, 89.2277

 125.9790,  
-21.1886, 76.3174

 140.1130,  
-17.8037, 63.9219

 154.3610,  
-13.9820, 51.4264

■ 168.4950,  
-10.5970, 39.0309

■ 182.6290, -7.2121,  
26.6354

■ 197.3500, -4.1165,  
13.7251

■ 211.5980, -0.2948,  
1.2296

# Harmonies

## Analogous

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



78.5460, 6.1398, 131.0712



82.8760, -31.4909, 114.1187



100.7360, -49.6628, 62.4985

# Triad

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



82.8760, -31.4909, 114.1187



84.4720, -16.5017, -74.0819



94.4720, 77.6613, -82.8519

# Complementary

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



82.8760, -31.4909, 114.1187



149.1240, 31.4909, -114.1187

# 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.



104.0120, 68.5211, -91.2185



82.8760, -31.4909, 114.1187



94.4240, 16.5530, -82.8098

# Square

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



82.8760, -31.4909, 114.1187



76.3430, -37.6371, -61.6908



102.2900, 46.6920, -89.7083



108.4910, 55.9599, 17.9864



# Rectangle

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



82.8760, -31.4909, 114.1187



102.0000, -50.2860, 28.9410



102.2900, 46.6920, -89.7083



99.3960, 76.2198, -87.1703

# Sweetspot

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



82.8760, -31.4909, 114.1187



208.9790, -11.3286, 40.3604



97.9820, 51.7739, 100.8708



100.4330, -6.6225, 24.1763



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.



82.8760, -31.4909, 114.1187



83.8760, -41.3509, 150.0757



139.8150, -59.5618, 64.1832



99.8760, -1.9109, 6.2477



56.4120, -27.8111, 100.4937



14.0310, -6.9173, 25.4058



# Inverse Universe

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



149.1240, 31.4909, -114.1187



171.1240, 41.3509, -150.0757



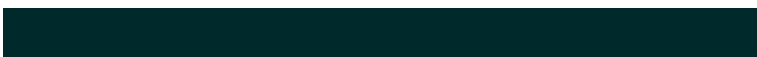
92.1850, 59.5618, -64.1832



103.7110, 1.6215, -6.7625



114.5880, 27.8111, -100.4937



28.9690, 6.9173, -25.4058



# Previews

## White Background



This preview shows how the YUV color 82.8760, -31.4909, 114.1187 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 82.8760, -31.4909, 114.1187

## Background



This preview shows how black text looks on a background with the YUV color 82.8760, -31.4909, 114.1187.



This preview shows how white text looks on a background with the YUV color 82.8760, -31.4909,



# 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

82.8760, -31.4909, 114.1187

### Protanopia

105.1520, -34.0919, 14.7757

### Deuteranopia

102.3100, -50.4388, 31.3001



## Tritanopia

82.8590, -29.0175, 114.1337

# Trichromacy



## Original Color

82.8760, -31.4909, 114.1187

## Protanomaly

97.3120, -33.1848, 50.5924

## Deuteranomaly

95.3320, -43.5477, 61.0988

## Tritanomaly

82.6310, -29.8911, 114.3336

# Monochromacy



## Original Color

82.8760, -31.4909, 114.1187

## Achromatopsia

83.0000, 0.0000, 0.0000

## Achromatomaly

82.6910, -11.1867, 41.4900

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 82.8760, -31.4909, 114.1187 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(213, 29, 19)` looks like.

```
.text, #text, p{  
    color:rgb(213, 29, 19)  
}
```

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(213, 29, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 29, 19) }
```

## Border

The CSS property to change the border of an element to YUV 82.8760, -31.4909, 114.1187 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(213, 29, 19) }
```



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

```
.border{ border-color:rgb(213, 29, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 29, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 29, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 29, 19);  
box-shadow:4px 4px 4px 4px rgb(213, 29,  
19) }
```

# Background

The CSS property to change the background color of an element to YUV 82.8760, -31.4909, 114.1187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 29, 19) }
```

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

```
.background{ background-color: rgb(213, 29,  
19) }
```

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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