

# Converting Colors

YUV(118.5970, -31.8463,  
88.0534)

Have a look what the booklet for  
YUV(118.5970, -31.8463, 88.0534)  
contains.

<b>YUV(118.5970, -31.8463, 88.0534)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(118.5970, -31.8463,  
88.0534)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DB5036
RGB	219, 80, 54
RGB Percent	86%, 31%, 21%
CMY	0.1412, 0.6863, 0.7882
CMYK	0.00, 0.63, 0.75, 0.14
HSL	9°, 70%, 54%
HSV	9°, 75%, 86%
XYZ	32.7479, 21.0637, 5.8297
YIQ	118.5970, 91.1900, 21.3820

# Conversions

## Conversions Part 2

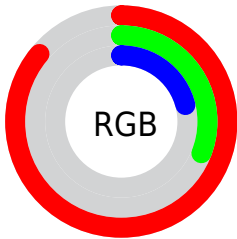
Format	Color
R <sub>Y</sub> B	219, 85, 54
Decimal	14372918
CIE Lab	53.02, 53.03, 43.62
CIE LCh	53, 68.662, 39.439
Yxy	21.0637, 0.5491, 0.3532
Android (android.graphics.Color)	4292562998 (0xFFDB5036)
YUV	118.5970, -31.8463, 88.0534
Hunter-Lab	45.8952, 47.0496, 24.5955

# Details

The YUV color **118.5970, -31.8463, 88.0534** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **154.4030, 31.8463, -88.0534**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.1180, -32.1032, 77.0725**, and **58.0080, -25.1469, 85.9390** is the 20% darker color. If you saturate the color by 10%, you get **105.5230, -36.2468, 99.5193**, and if you desaturate by 10%, it is **131.6710, -27.4458, 76.5875**.

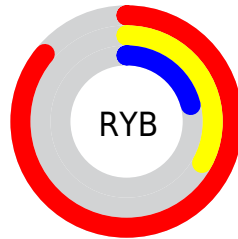
# Distribution



Red (86%)

Green (31%)

Blue (21%)



Red (86%)

Yellow (33%)

Blue (21%)

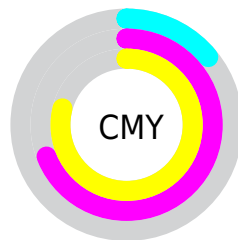


Cyan (0%)

Magenta (63%)

Yellow (75%)

Black (14%)



Cyan (14%)

Magenta (69%)


Yellow (79%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 118.5970, -31.8463, 88.0534 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 118.5970, -31.8463, 88.0534 by changing the saturation by 10% instead.





 118.5970,  
-31.8463, 88.0534

 118.5970,  
-31.8463, 88.0534


255.0000, 0.0000,  
0.0000


 90.2700, -29.2201,  
85.7092


 167.1180,  
-32.1032, 77.0725


 58.0080, -25.1469,  
85.9390


 186.5180,  
-28.8494, 60.0587

 37.6740, -18.5733,  
77.4619


 205.9180,  
-25.5956, 43.0449

 28.4050, -14.0037,  
58.4038

 226.0190,  
-22.1944, 25.4163

 20.1470, -9.4395,  
41.0901

 246.2340,  
-18.3564, 7.6878

 11.1770, -5.0173,  
22.6468

 252.9480, -7.8624,

 0.0000, 0.0000,

1.7996

0.0000

■ 118.5970,  
-31.8463, 88.0534

■ 118.5970,  
-31.8463, 88.0534

■ 105.5230,  
-36.2468, 99.5193

■ 131.6710,  
-27.4458, 76.5875

■ 91.8620, -40.3580,  
111.5000

■ 145.3320,  
-23.3347, 64.6068

■ 86.0260, -42.4108,  
116.6182

■ 158.4060,  
-18.9342, 53.1409

■ 172.0670,  
-14.8230, 41.1602

■ 185.1410,  
-10.4225, 29.6943

■ 198.6880, -6.7482,  
17.8136

■ 211.7620, -2.3477,  
6.3477

■ 225.4230, 1.7635,  
-5.6330

■ 238.4970, 6.1640,  
-17.0989

# Harmonies

## Analogous

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



116.0570, -2.4931, 99.9280



118.5970, -31.8463, 88.0534



118.7110, -58.5245, 58.1355

# Triad

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



118.5970, -31.8463, 88.0534



97.3980, -7.5912, -85.4180



102.9520, 69.5367, -90.2889

# Complementary

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



118.5970, -31.8463, 88.0534



154.4030, 31.8463, -88.0534

# 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.



111.6600, 62.2856, -97.9258



118.5970, -31.8463, 88.0534



106.2270, 18.6221, -93.1611

# Square

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



118.5970, -31.8463, 88.0534



106.3960, -44.5652, -32.7963



112.1380, 43.8090, -98.3450



129.4020, 44.1718, 18.9414



# Rectangle

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



118.5970, -31.8463, 88.0534



118.5350, -58.4378, 30.2258



112.1380, 43.8090, -98.3450



106.7020, 68.6739, -93.5777

# Sweetspot

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



118.5970, -31.8463, 88.0534



219.5110, -11.5909, 31.1239



119.2950, 36.8296, 87.4413



105.6990, -6.7536, 19.5580



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.



118.5970, -31.8463, 88.0534



115.4890, -44.6111, 122.3511



166.1440, -55.2870, 46.3547



102.8760, -1.9109, 6.2477



67.5760, -33.3150, 92.4568



17.8630, -8.8065, 24.6761

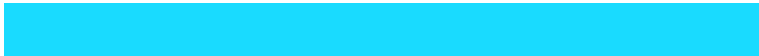


# Inverse Universe

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



154.4030, 31.8463, -88.0534



165.0980, 44.3217, -122.8659



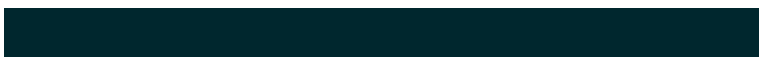
106.8560, 55.2870, -46.3547



105.5370, 2.2003, -5.7329



105.4240, 33.3150, -92.4568

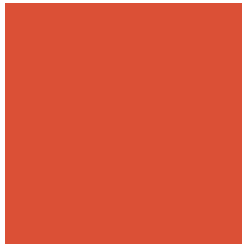


28.1370, 8.8065, -24.6761



# Previews

## White Background



This preview shows how the YUV color 118.5970, -31.8463, 88.0534 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 118.5970, -31.8463, 88.0534 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 118.5970, -31.8463, 88.0534 Background



This preview shows how black text looks on a background with the YUV color 118.5970, -31.8463, 88.0534.



This preview shows how white text looks on a background with the YUV color 118.5970, -31.8463, 88.0534.



# 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

118.5970, -31.8463, 88.0534

### Protanopia

124.2750, -27.2506, 13.7908

### Deuteranopia

123.5840, -39.2349, 31.0598



## Tritanopia

120.2130, -19.3320, 87.5132

# Trichromacy



## Original Color

118.5970, -31.8463, 88.0534

## Protanomaly

122.3970, -28.7897, 40.8708

## Deuteranomaly

121.8130, -36.3898, 51.9070

## Tritanomaly

119.6600, -23.9894, 87.9982

# Monochromacy



## Original Color

118.5970, -31.8463, 88.0534

## Achromatopsia

119.0000, 0.0000, 0.0000

## Achromatomaly

118.8100, -11.7383, 31.7386

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 118.5970, -31.8463, 88.0534 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(219, 80, 54)` looks like.

```
.text, #text, p{  
    color:rgb(219, 80, 54)  
}
```

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(219, 80, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 80, 54) }
```

## Border

The CSS property to change the border of an element to YUV 118.5970, -31.8463, 88.0534 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(219, 80, 54) }
```



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

```
.border{ border-color:rgb(219, 80, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 80, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 80, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 80, 54);  
box-shadow:4px 4px 4px 4px rgb(219, 80,  
54) }
```

# Background

The CSS property to change the background color of an element to YUV 118.5970, -31.8463, 88.0534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 80, 54) }
```

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

```
.background{ background-color: rgb(219, 80,  
54) }
```

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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