

# Converting Colors

YUV(148.9050, 31.1058, 9.7303)

Have a look what the booklet for  
YUV(148.9050, 31.1058, 9.7303)  
contains.

<b>YUV(148.9050, 31.1058, 9.7303)</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(148.9050, 31.1058,  
9.7303)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A083D4
RGB	160, 131, 212
RGB Percent	63%, 51%, 83%
CMY	0.3725, 0.4863, 0.1686
CMYK	0.25, 0.38, 0.00, 0.17
HSL	261°, 49%, 67%
HSV	261°, 38%, 83%
XYZ	34.4972, 28.4596, 65.9624
YIQ	148.9050, -8.7170, 31.3390

# Conversions

## Conversions Part 2

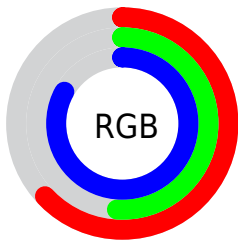
Format	Color
R <sub>Y</sub> B	160, 131, 212
Decimal	10519508
CIE Lab	60.30, 27.77, -37.67
CIE LCh	60, 46.804, 306.395
Yxy	28.4596, 0.2676, 0.2208
Android (android.graphics.Color)	4288709588 (0xFFA083D4)
YUV	148.9050, 31.1058, 9.7303
Hunter-Lab	53.3476, 22.0686, -35.9667

# Details

The YUV color **148.9050, 31.1058, 9.7303** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **194.0950, -31.1058, -9.7303**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.6620, 26.2956, 12.5744**, and **97.4380, 29.3641, 8.3859** is the 20% darker color. If you saturate the color by 10%, you get **132.3920, 39.2467, 11.9342**, and if you desaturate by 10%, it is **165.4180, 22.9649, 7.5264**.

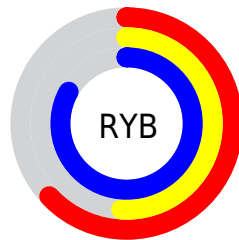
# Distribution



Red (63%)

Green (51%)

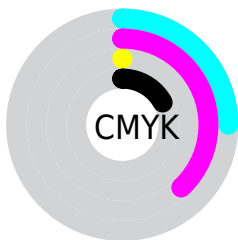
Blue (83%)



Red (63%)

Yellow (51%)

Blue (83%)

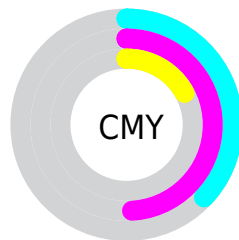


Cyan (25%)

Magenta (38%)

Yellow (0%)

Black (17%)



Cyan (37%)

Magenta (49%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 148.9050, 31.1058, 9.7303 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 148.9050, 31.1058, 9.7303 by changing the saturation by 10% instead.



■ 148.9050, 31.1058,  
9.7303

■ 148.9050, 31.1058,  
9.7303

255.0000, 0.0000,  
0.0000

■ 122.9650, 30.0903,  
8.8007

■ 201.6620, 26.2956,  
12.5744

■ 97.4380, 29.3641,  
8.3859

■ 226.7690, 13.9179,  
15.9886

■ 73.1990, 28.4959,  
6.8415

■ 246.7820, 4.0515,  
7.2072

■ 48.9600, 27.6277,  
5.2971

■ 26.0090, 26.6176,  
2.6231

■ 9.4880, 23.4234,  
0.4490

■ 5.1640, 14.7091,

-4.5288

■ 1.0260, 3.9312,  
-0.8998

■ 0.0000, 0.0000,  
0.0000

■ 148.9050, 31.1058,  
9.7303

■ 148.9050, 31.1058,  
9.7303

■ 132.3920, 39.2467,  
11.9342

■ 165.4180, 22.9649,  
7.5264

■ 116.1780, 47.2402,  
14.7529

■ 181.6320, 14.9714,  
4.7077

■ 99.0780, 55.6705,  
17.4716

■ 198.7320, 6.5411,  
1.9890

■ 82.8640, 63.6640,  
20.2903

■ 214.9460, -1.4524,  
-0.8296

66.3510, 71.8050,  
22.4942

231.4590, -9.5933,  
-3.0335

49.8380, 79.9459,  
24.6981

246.2110,  
-16.8660, -3.6930

46.8920, 81.3982,  
25.5277

250.0980,  
-18.7823, 4.2991

# Harmonies

## Analogous

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



138.4790, 43.6409, -44.2701



148.9050, 31.1058, 9.7303



149.1950, 14.6939, 47.1870

# Triad

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



148.9050, 31.1058, 9.7303



143.3670, -36.6629, 46.1591



114.8840, 18.7912, -100.7533

# Complementary

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



148.9050, 31.1058, 9.7303



194.0950, -31.1058, -9.7303

# 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.



125.9650, -7.3777, -60.4823



148.9050, 31.1058, 9.7303



140.6810, -39.7757, 17.8198

# Square

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



148.9050, 31.1058, 9.7303



145.1470, -22.7505, 63.8921



135.8060, -29.4844, -16.4929



118.8570, 36.5525, -104.2376



# Rectangle

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



148.9050, 31.1058, 9.7303



147.0800, 2.4256, 62.1968



135.8060, -29.4844, -16.4929



113.2880, 12.6760, -99.3536

# Sweetspot

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



148.9050, 31.1058, 9.7303



233.1820, 10.7563, 3.3484



171.3450, 20.0429, -35.3826



114.7320, 6.5411, 1.9890



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.



148.9050, 31.1058, 9.7303



163.8960, 44.9143, 14.1232



160.8650, 25.2096, 34.3214



98.4500, 4.2152, 1.3594



37.7330, 65.7006, 20.4052



9.6860, 16.4238, 5.5374



# Inverse Universe

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



161.1470, 10.7735, 44.5981



181.5330, 15.5132, 64.4306



182.1350, -25.2096, -34.3214



100.0870, 1.4361, 6.0627



63.6690, 22.8412, 94.1293

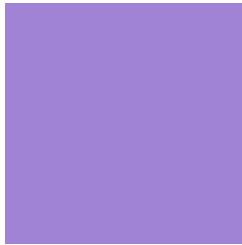


16.0490, 5.8918, 23.6360



# Previews

## White Background



This preview shows how the YUV color 148.9050, 31.1058, 9.7303 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

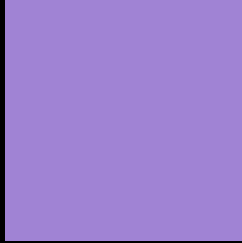
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 148.9050, 31.1058, 9.7303 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

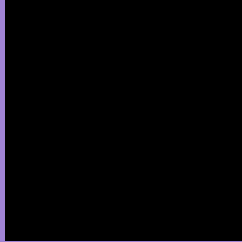
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 148.9050, 31.1058, 9.7303

## Background



This preview shows how black text looks on a background with the YUV color 148.9050, 31.1058, 9.7303.



This preview shows how white text looks on a background with the YUV color 148.9050, 31.1058, 9.7303.



# 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

148.9050, 31.1058, 9.7303

### Protanopia

144.2320, 38.3396, -23.8825

### Deuteranopia

144.2340, 31.9296, -21.2532



## Tritanopia

146.0480, 3.9203, 2.5889

# Trichromacy



## Original Color

148.9050, 31.1058, 9.7303

## Protanomaly

146.2120, 35.3915, -11.5869

## Deuteranomaly

145.8980, 31.6023, -9.5575

## Tritanomaly

147.2900, 13.6610, 5.0077

# Monochromacy



## Original Color

148.9050, 31.1058, 9.7303

## Achromatopsia

149.0000, 0.0000, 0.0000

## Achromatomaly

148.7090, 11.4825, 3.7632

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 148.9050, 31.1058, 9.7303 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(160, 131, 212)` looks like.

```
.text, #text, p{  
    color:rgb(160, 131, 212)  
}
```

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(160, 131, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 131, 212) }
```

## Border

The CSS property to change the border of an element to YUV 148.9050, 31.1058, 9.7303 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(160, 131, 212) }
```



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

```
.border{ border-color:rgb(160, 131, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 131, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 131, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 131, 212);  
box-shadow:4px 4px 4px 4px rgb(160, 131,  
212) }
```

# Background

The CSS property to change the background color of an element to YUV 148.9050, 31.1058, 9.7303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 131, 212) }
```

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

```
.background{ background-color: rgb(160,  
131, 212) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor