

Converting Colors

YUV(148.6080, -49.1067,
24.0228)

Have a look what the booklet for
YUV(148.6080, -49.1067, 24.0228)
contains.

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Color

**YUV(148.6080, -49.1067,
24.0228)**

Conversions

Conversions Part 1

Format	Color
Hex	B09A31
RGB	176, 154, 49
RGB Percent	69%, 60%, 19%
CMY	0.3098, 0.3961, 0.8078
CMYK	0.00, 0.13, 0.72, 0.31
HSL	50°, 56%, 44%
HSV	50°, 72%, 69%
XYZ	30.0145, 32.5631, 7.6091
YIQ	148.6080, 46.8170, -27.9910

Conversions

Conversions Part 2

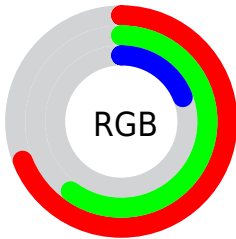
Format	Color
RYB	76, 176, 49
Decimal	11573809
CIELab	63.81, -3.50, 55.22
CIELCh	64, 55.327, 93.629
Yxy	32.5631, 0.4276, 0.4639
Android (android.graphics.Color)	4289763889 (0xFFB09A31)
YUV	148.6080, -49.1067, 24.0228
Hunter-Lab	57.0641, -5.9749, 32.0389

Details

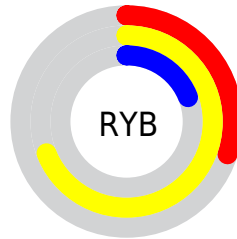
The YUV color **148.6080, -49.1067, 24.0228** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **76.3920, 49.1067, -24.0228**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.9890, -50.2806, 27.1966**, and **96.3410, -47.4961, 20.7489** is the 20% darker color. If you saturate the color by 10%, you get **144.7950, -56.1009, 27.3668**, and if you desaturate by 10%, it is **152.4210, -42.1126, 20.6788**.

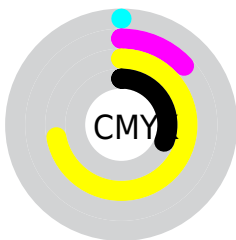
Distribution



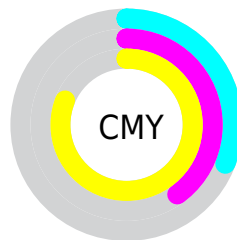
- Red (69%)
- Green (60%)
- Blue (19%)



- Red (30%)
- Yellow (69%)
- Blue (19%)



- Cyan (0%)
- Magenta (13%)
- Yellow (72%)
- Black (31%)



- Cyan (31%)
- Magenta (40%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.6080, -49.1067, 24.0228 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 148.6080, -49.1067, 24.0228 by changing the saturation by 10% instead.

■ 148.6080,
-49.1067, 24.0228

■ 148.6080,
-49.1067, 24.0228

■ 255.0000, 0.0000,
0.0000

■ 121.5540,
-50.5591, 23.1931

■ 203.9890,
-50.2806, 27.1966

■ 96.3410, -47.4961,
20.7489

■ 229.4830,
-49.5381, 22.3784

■ 74.1800, -36.5707,
16.5051

■ 243.7140,
-43.2430, 9.8978

■ 53.1930, -26.2241,
11.2317

■ 246.7920,
-31.4495, 7.1984

■ 33.3910, -16.4618,
6.6731

■ 250.0980,
-18.7823, 4.2991

■ 12.3930, -6.1097,
-0.3447

■ 253.4040, -6.1152,

■ 0.0000, 0.0000,

1.3997

0.0000

■ 148.6080,
-49.1067, 24.0228

■ 148.6080,
-49.1067, 24.0228

■ 144.7950,
-56.1009, 27.3668

■ 152.4210,
-42.1126, 20.6788

■ 141.0960,
-62.6583, 30.6108

■ 156.1200,
-35.5552, 17.4348

■ 138.3260,
-68.1947, 33.0401

■ 159.9330,
-28.5610, 14.0908

■ 163.6320,
-22.0036, 10.8467

■ 167.4450,
-15.0094, 7.5027

■ 171.2580, -8.0152,
4.1587

■ 174.9570, -1.4578,
0.9147

■ 178.7700, 5.5364,
-2.4293

■ 182.4690, 12.0938,
-5.6733

Harmonies

Analogous

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



151.8260, -42.8052, 56.2806



148.6080, -49.1067, 24.0228



143.0420, -37.4887, -15.8228

Triad

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



148.6080, -49.1067, 24.0228



128.1980, 39.3424, -112.4296



158.3190, 20.0557, 54.0942

Complementary

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



148.6080, -49.1067, 24.0228



76.3920, 49.1067, -24.0228

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.



157.9460, 38.9736, 6.1864



148.6080, -49.1067, 24.0228



127.9650, 56.2193, -112.2253

Square

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



148.6080, -49.1067, 24.0228



123.1990, 17.6499, -108.0455



139.8270, 55.7943, -69.1313



154.7400, -1.8438, 78.2810

Rectangle

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



148.6080, -49.1067, 24.0228



136.3720, -21.3824, -48.5612



139.8270, 55.7943, -69.1313



159.0660, 27.0825, 40.2841

Sweetspot

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



148.6080, -49.1067, 24.0228



218.9030, -19.6722, 9.7321



89.5950, -8.6743, 75.7772



108.6450, -11.6570, 5.5733



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



148.6080, -49.1067, 24.0228



186.6550, -77.2309, 38.0136



149.5620, -49.5771, -11.8939



87.3870, -3.6418, 1.4146



119.7090, -59.0165, 29.1962



20.1010, -9.9098, 5.1734

Inverse Universe

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



76.3920, 49.1067, -24.0228



72.7580, 77.5203, -37.4988



75.4380, 49.5771, 11.8939



82.2000, 3.3524, -1.9294



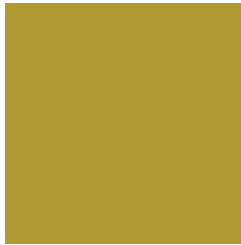
33.2910, 59.0165, -29.1962



5.3120, 10.1992, -4.6586

Previews

White Background



This preview shows how the YUV color 148.6080, -49.1067, 24.0228 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 148.6080, -49.1067, 24.0228 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 ✓ Pass

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

YUV 148.6080, -49.1067, 24.0228

Background



This preview shows how black text looks on a background with the YUV color 148.6080, -49.1067, 24.0228.



This preview shows how white text looks on a background with the YUV color 148.6080, -49.1067, 24.0228.

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

148.6080, -49.1067, 24.0228

Protanopia

148.2980, -48.9539, 21.6637

Deuteranopia

149.9240, -48.2765, 37.7777



Tritanopia

157.2140, -1.0915, 23.4913

Trichromacy



Original Color

148.6080, -49.1067, 24.0228

Protanomaly

148.5970, -49.1013, 22.2784

Deuteranomaly

149.7770, -48.6971, 32.6446

Tritanomaly

154.2190, -18.8420, 23.4869

Monochromacy



Original Color

148.6080, -49.1067, 24.0228

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.0600, -17.7776, 8.7174

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.6080, -49.1067, 24.0228 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(176, 154, 49)` looks like.

```
.text, #text, p{  
    color:rgb(176, 154, 49)  
}
```

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(176, 154, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 154, 49) }
```

Border

The CSS property to change the border of an element to YUV 148.6080, -49.1067, 24.0228 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(176, 154, 49) }
```


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

```
.border{ border-color:rgb(176, 154, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 154, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 154, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 154, 49);  
box-shadow:4px 4px 4px 4px rgb(176, 154,  
49) }
```

Background

The CSS property to change the background color of an element to YUV 148.6080, -49.1067, 24.0228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 154, 49) }
```

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

```
.background{ background-color: rgb(176,  
154, 49) }
```

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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