

Converting Colors

YUV(99.7840, -49.1935,
51.9324)

Have a look what the booklet for
YUV(99.7840, -49.1935, 51.9324)
contains.

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Color

**YUV(99.7840, -49.1935,
51.9324)**

Conversions

Conversions Part 1

Format	Color
Hex	9F5900
RGB	159, 89, 0
RGB Percent	62%, 35%, 0%
CMY	0.3765, 0.6510, 1.0000
CMYK	0.00, 0.44, 1.00, 0.38
HSL	34°, 100%, 31%
HSV	34°, 100%, 62%
XYZ	17.8705, 14.5157, 1.8599
YIQ	99.7840, 70.2890, -12.8390

Conversions

Conversions Part 2

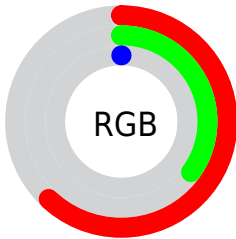
Format	Color
RYB	125, 159, 0
Decimal	10443008
CIELab	44.96, 23.67, 53.60
CIELCh	45, 58.594, 66.177
Yxy	14.5157, 0.5218, 0.4239
Android (android.graphics.Color)	4288633088 (0xFF9F5900)
YUV	99.7840, -49.1935, 51.9324
Hunter-Lab	38.0995, 17.0509, 23.7752

Details

The YUV color **99.7840, -49.1935, 51.9324** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **59.2160, 49.1935, -51.9324**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.8000, -46.7364, 57.1804**, and **54.8530, -27.0425, 40.4709** is the 20% darker color. If you saturate the color by 10%, you get **99.7840, -49.1935, 51.9324**, and if you desaturate by 10%, it is **105.7170, -44.2305, 46.7292**.

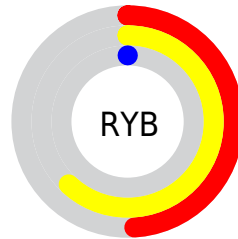
Distribution



Red (62%)

Green (35%)

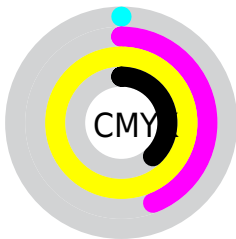
Blue (0%)



Red (49%)

Yellow (62%)

Blue (0%)

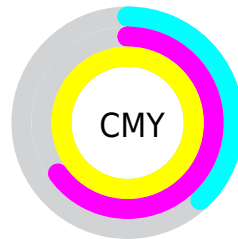


Cyan (0%)

Magenta (44%)

Yellow (100%)

Black (38%)



Cyan (38%)

Magenta (65%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.7840, -49.1935, 51.9324 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 99.7840, -49.1935, 51.9324 by changing the saturation by 10% instead.

99.7840, -49.1935,
51.9324

99.7840, -49.1935,
51.9324

254.3160, -2.6208,
0.5999

77.0250, -37.9733,
46.4591

153.8000,
-46.7364, 57.1804

54.8530, -27.0425,
40.4709

181.8820,
-47.7628, 59.7395

33.5670, -16.5485,
34.5827

202.1900,
-44.9567, 46.3144

14.0530, -6.9281,
28.8945

221.5900,
-41.7029, 29.3006


1.4950, -0.7370,
3.0739


241.6910,
-38.3017, 11.6720


0.0000, 0.0000,
0.0000


247.8180,

-27.5183, 6.2986


 251.0100,
-15.2879, 3.4992

 99.7840, -49.1935,
51.9324

 105.7170,
-44.2305, 46.7292

 111.6500,
-39.2674, 41.5260

 117.5830,
-34.3044, 36.3227

 123.5160,
-29.3414, 31.1195

 129.4490,
-24.3784, 25.9162

■ 135.2680,
-19.8521, 20.8130

■ 141.2010,
-14.8891, 15.6097

■ 147.1340, -9.9261,
10.4065

■ 153.0670, -4.9630,
5.2032

Harmonies

Analogous

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



99.8710, -24.0934, 74.6581



99.7840, -49.1935, 51.9324



98.9770, -48.7957, 17.5602

Triad

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



99.7840, -49.1935, 51.9324



88.2460, 13.1897, -77.3917



108.4410, 38.2366, 9.2602

Complementary

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



99.7840, -49.1935, 51.9324



59.2160, 49.1935, -51.9324

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.



87.2390, 57.5632, -76.5086



99.7840, -49.1935, 51.9324



93.1310, 34.4454, -81.6759

Square

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



99.7840, -49.1935, 51.9324



81.2580, -8.5082, -71.2633



93.9580, 50.3067, -82.4012



105.7540, 20.3343, 58.0977

Rectangle

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



99.7840, -49.1935, 51.9324



94.1050, -46.3938, -6.2311



93.9580, 50.3067, -82.4012



105.4920, 44.1274, -13.5865

Sweetspot

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



99.7840, -49.1935, 51.9324



183.4960, -18.9785, 20.6130



55.7490, 8.0117, 90.5511



90.6890, -11.6787, 12.5507



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



99.7840, -49.1935, 51.9324



129.9850, -64.0826, 67.5422



138.4820, -68.2716, 10.9783



76.3270, -2.6262, 2.3442



89.7170, -44.2305, 46.7292



9.7680, -4.8156, 4.5885

Inverse Universe

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



59.2160, 49.1935, -51.9324



77.0150, 64.0826, -67.5422



20.5180, 68.2716, -10.9783



74.2600, 2.3368, -2.8590



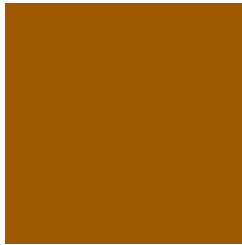
53.2830, 44.2305, -46.7292



5.8190, 4.5262, -5.1033

Previews

White Background



This preview shows how the YUV color 99.7840, -49.1935, 51.9324 looks on a white background.

Color Contrast Check

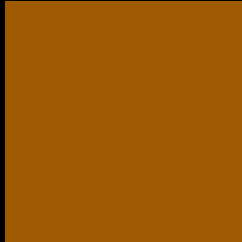
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 99.7840, -49.1935, 51.9324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

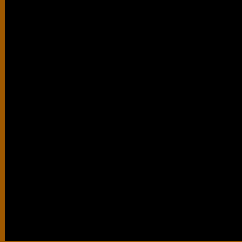
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.7840, -49.1935, 51.9324

Background



This preview shows how black text looks on a background with the YUV color 99.7840, -49.1935, 51.9324.



This preview shows how white text looks on a background with the YUV color 99.7840, -49.1935,

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

99.7840, -49.1935, 51.9324

Protanopia

100.4700, -43.1227, 18.0048

Deuteranopia

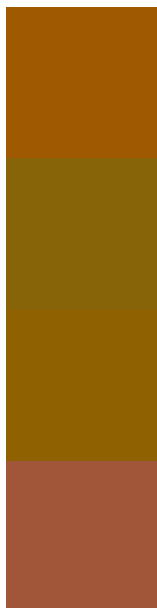
100.2390, -49.4178, 30.4854



Tritanopia

107.3050, -9.0244, 47.9675

Trichromacy



Original Color

99.7840, -49.1935, 51.9324

Protanomaly

99.9770, -45.3447, 30.7152

Deuteranomaly

99.9950, -49.2975, 38.5924

Tritanomaly

104.5320, -23.4333, 49.5224

Monochromacy



Original Color

99.7840, -49.1935, 51.9324

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

99.8270, -17.6627, 18.5687

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.7840, -49.1935, 51.9324 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(159, 89, 0)` looks like.

```
.text, #text, p{  
    color:rgb(159, 89, 0)  
}
```

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(159, 89, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 89, 0) }
```

Border

The CSS property to change the border of an element to YUV 99.7840, -49.1935, 51.9324 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(159, 89, 0) }
```


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

```
.border{ border-color:rgb(159, 89, 0) }
```

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

Here you see how a box with a 4 pixel rgb(159, 89, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 89, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 89, 0);  
box-shadow:4px 4px 4px 4px rgb(159, 89, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 99.7840, -49.1935, 51.9324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 89, 0) }
```

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

```
.background{ background-color: rgb(159, 89,  
0) }
```

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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