

Converting Colors

YUV(100.0440, -46.8567,
49.0734)

Have a look what the booklet for
YUV(100.0440, -46.8567, 49.0734)
contains.

YUV(100.0440, -46.8567, 49.0734)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(100.0440, -46.8567,
49.0734)**

Conversions

Conversions Part 1

Format	Color
Hex	9C5A05
RGB	156, 90, 5
RGB Percent	61%, 35%, 2%
CMY	0.3882, 0.6471, 0.9804
CMYK	0.00, 0.42, 0.97, 0.39
HSL	34°, 94%, 32%
HSV	34°, 97%, 61%
XYZ	17.3939, 14.3912, 2.0046
YIQ	100.0440, 66.6210, -12.4430

Conversions

Conversions Part 2

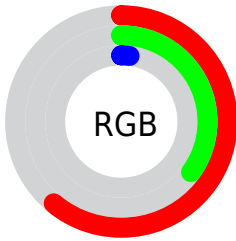
Format	Color
RYB	122, 156, 5
Decimal	10246661
CIELab	44.79, 21.85, 52.00
CIELCh	45, 56.403, 67.206
Yxy	14.3912, 0.5148, 0.4259
Android (android.graphics.Color)	4288436741 (0xFF9C5A05)
YUV	100.0440, -46.8567, 49.0734
Hunter-Lab	37.9357, 15.4562, 23.4220

Details

The YUV color **100.0440, -46.8567, 49.0734** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **60.9560, 46.8567, -49.0734**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.8320, -45.2732, 54.5213**, and **54.8420, -27.0371, 38.7266** is the 20% darker color. If you saturate the color by 10%, you get **98.3000, -48.4619, 50.6029**, and if you desaturate by 10%, it is **105.9770, -41.8937, 43.8702**.

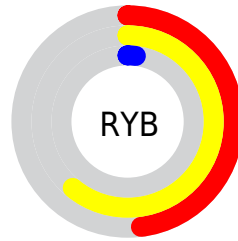
Distribution



Red (61%)

Green (35%)

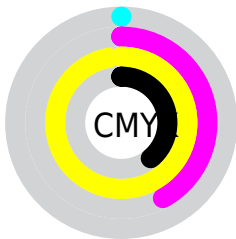
Blue (2%)



Red (48%)

Yellow (61%)

Blue (2%)

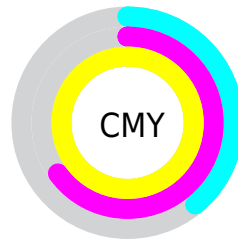


Cyan (0%)

Magenta (42%)

Yellow (97%)

Black (39%)



Cyan (39%)

Magenta (65%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.0440, -46.8567, 49.0734 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 100.0440, -46.8567, 49.0734 by changing the saturation by 10% instead.

100.0440,
-46.8567, 49.0734

100.0440,
-46.8567, 49.0734

254.6580, -1.3104,
0.2999

76.7150, -37.8205,
44.0999

153.8320,
-45.2732, 54.5213

54.8420, -27.0371,
38.7266

181.5010,
-46.5890, 56.5656

34.1430, -16.8325,
32.3236

203.0050,
-44.3725, 45.5996

13.4550, -6.6333,
27.6650


222.5190,
-40.6819, 28.4858

0.0000, 0.0000,
0.0000

242.6200,
-37.2807, 10.8573


248.1600,


-26.2079, 5.9987


 251.3520,
-13.9775, 3.1993


 100.0440,
-46.8567, 49.0734


 100.0440,
-46.8567, 49.0734

 98.3000, -48.4619,
50.6029

 105.9770,
-41.8937, 43.8702

 111.7960,
-37.3674, 38.7669

 117.1420,
-32.1150, 34.0785

 122.9610,
-27.5888, 28.9752

 128.8940,
-22.6257, 23.7720

■ 134.8270,
-17.6627, 18.5687

■ 140.6460,
-13.1365, 13.4655

■ 146.5790, -8.1734,
8.2622

■ 151.8110, -3.3578,
3.6738

Harmonies

Analogous

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



100.8490, -24.0826, 71.1694



100.0440, -46.8567, 49.0734



98.3790, -48.5008, 16.3306

Triad

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



100.0440, -46.8567, 49.0734



87.7730, 13.9159, -76.9769



108.4690, 35.7578, 10.9897

Complementary

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



100.0440, -46.8567, 49.0734



60.9560, 46.8567, -49.0734

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.



86.1960, 56.1054, -75.5939



100.0440, -46.8567, 49.0734



92.4300, 34.2980, -81.0611

Square

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



100.0440, -46.8567, 49.0734



81.0130, -6.9084, -71.0484



93.0290, 49.2857, -81.5864



105.2870, 18.5925, 56.7533

Rectangle

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



100.0440, -46.8567, 49.0734



93.8060, -46.2464, -6.8459



93.0290, 49.2857, -81.5864



105.8300, 41.4958, -9.4979

Sweetspot

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



100.0440, -46.8567, 49.0734



182.0120, -18.2469, 19.2835



57.9010, 7.4438, 86.0328



88.5040, -11.0945, 11.8360



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



100.0440, -46.8567, 49.0734



128.5010, -63.3510, 66.2126



136.3940, -64.7772, 10.1785



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.



60.9560, 46.8567, -49.0734



75.4990, 63.3510, -66.2126



24.6060, 64.7772, -10.1785



74.2600, 2.3368, -2.8590



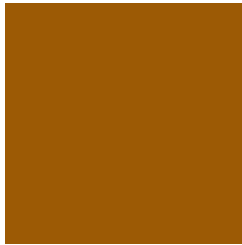
52.6960, 44.5199, -46.2144



5.8190, 4.5262, -5.1033

Previews

White Background



This preview shows how the YUV color 100.0440, -46.8567, 49.0734 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 100.0440, -46.8567, 49.0734 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 100.0440, -46.8567, 49.0734

Background



This preview shows how black text looks on a background with the YUV color 100.0440, -46.8567, 49.0734.



This preview shows how white text looks on a background with the YUV color 100.0440, -46.8567,

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

100.0440, -46.8567, 49.0734

Protanopia

100.1710, -42.9753, 17.3900

Deuteranopia

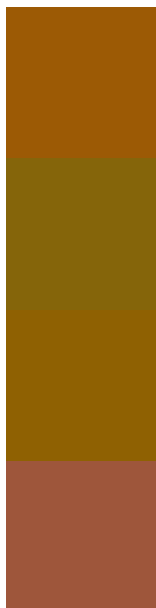
99.6520, -49.1284, 31.0002



Tritanopia

107.1090, -8.4347, 45.5084

Trichromacy



Original Color

100.0440, -46.8567, 49.0734

Protanomaly

100.1940, -44.4656, 28.7709

Deuteranomaly

99.9240, -48.2765, 37.7777

Tritanomaly

104.4500, -22.4068, 46.9634

Monochromacy



Original Color

100.0440, -46.8567, 49.0734

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

99.6420, -17.0785, 17.8540

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.0440, -46.8567, 49.0734 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(156, 90, 5)` looks like.

```
.text, #text, p{  
    color:rgb(156, 90, 5)  
}
```

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(156, 90, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 90, 5) }
```

Border

The CSS property to change the border of an element to YUV 100.0440, -46.8567, 49.0734 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(156, 90, 5) }
```


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

```
.border{ border-color:rgb(156, 90, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 90, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 90, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 90, 5);  
box-shadow:4px 4px 4px 4px rgb(156, 90, 5)  
}
```

Background

The CSS property to change the background color of an element to YUV 100.0440, -46.8567, 49.0734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 90, 5) }
```

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

```
.background{ background-color: rgb(156, 90,  
5) }
```

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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