

Converting Colors

YUV(148.7500, -34.3867,
16.0053)

Have a look what the booklet for
YUV(148.7500, -34.3867, 16.0053)
contains.

YUV(148.7500, -34.3867, 16.0053)	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(148.7500, -34.3867,
16.0053)**

Conversions

Conversions Part 1

Format	Color
Hex	A7994F
RGB	167, 153, 79
RGB Percent	65%, 60%, 31%
CMY	0.3451, 0.4000, 0.6902
CMYK	0.00, 0.08, 0.53, 0.35
HSL	50°, 36%, 48%
HSV	50°, 53%, 65%
XYZ	28.7389, 31.5625, 11.9746
YIQ	148.7500, 32.0980, -20.0460

Conversions

Conversions Part 2

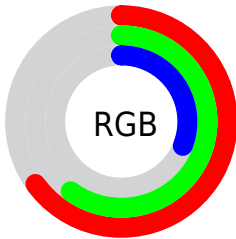
Format	Color
R_{YB}	96, 167, 79
Decimal	10983759
CIE Lab	62.98, -4.84, 40.35
CIE LCh	63, 40.639, 96.834
Yxy	31.5625, 0.3976, 0.4367
Android (android.graphics.Color)	4289173839 (0xFFA7994F)
YUV	148.7500, -34.3867, 16.0053
Hunter-Lab	56.1805, -7.0050, 26.6890

Details

The YUV color **148.7500, -34.3867, 16.0053** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **97.2500, 34.3868, -16.0052**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.3050, -36.1394, 18.1495**, and **97.0810, -33.0709, 13.9610** is the 20% darker color. If you saturate the color by 10%, you get **145.0510, -40.9441, 19.2493**, and if you desaturate by 10%, it is **152.4490, -27.8294, 12.7612**.

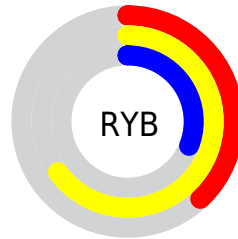
Distribution



Red (65%)

Green (60%)

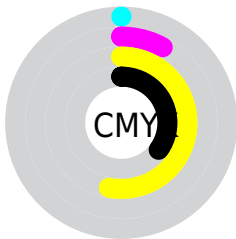
Blue (31%)



Red (38%)

Yellow (65%)

Blue (31%)

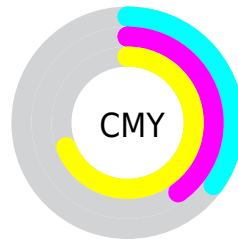


Cyan (0%)

Magenta (8%)

Yellow (53%)

Black (35%)



Cyan (35%)

Magenta (40%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.7500, -34.3867, 16.0053 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 148.7500, -34.3867, 16.0053 by changing the saturation by 10% instead.

■ 148.7500,
-34.3867, 16.0053

■ 148.7500,
-34.3867, 16.0053

■ 255.0000, 0.0000,
0.0000

■ 122.5650,
-33.8025, 15.2905

■ 203.3050,
-36.1394, 18.1495

■ 97.0810, -33.0709,
13.9610

■ 231.4900,
-36.7236, 18.8643

■ 72.0270, -34.5233,
13.1313

■ 246.9060,
-31.0127, 7.0984

■ 51.4100, -25.3451,
9.2874

■ 250.0980,
-18.7823, 4.2991

■ 31.6080, -15.5827,
4.7288

■ 253.4040, -6.1152,
1.3997

■ 9.4140, -4.6411,
-4.7481

■ 0.0000, 0.0000,

0.0000

■ 148.7500,
-34.3867, 16.0053

■ 148.7500,
-34.3867, 16.0053

■ 145.0510,
-40.9441, 19.2493

■ 152.4490,
-27.8294, 12.7612

■ 142.0530,
-47.3541, 21.8785

■ 155.4470,
-21.4194, 10.1320

■ 138.3540,
-53.9115, 25.1225

■ 159.1460,
-14.8620, 6.8880

■ 134.6550,
-60.4689, 28.3666

■ 162.8450, -8.3046,
3.6439

■ 132.1130,
-65.1317, 30.5959

■ 165.9570, -1.4578,
0.9147

■ 169.5420, 4.6628,
-2.2293

■ 173.2410, 11.2202,
-5.4734

■ 176.3530, 18.0670,
-8.2026

■ 179.9380, 24.1876,
-11.3466

Harmonies

Analogous

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



151.1860, -32.1367, 41.0559



148.7500, -34.3867, 16.0053



144.5550, -25.4166, -14.5187

Triad

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



148.7500, -34.3867, 16.0053



122.0200, 35.9791, -107.0115



156.8800, 12.3842, 41.3242

Complementary

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



148.7500, -34.3867, 16.0053



97.2500, 34.3868, -16.0052

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.



156.0530, 26.5959, 9.6005



148.7500, -34.3867, 16.0053



122.9140, 46.8774, -102.5336

Square

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



148.7500, -34.3867, 16.0053



118.6170, 20.4018, -104.0271



148.2370, 37.3512, -33.5338



154.8100, -4.8363, 58.0486

Rectangle

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



148.7500, -34.3867, 16.0053



140.0990, -13.8528, -36.9208



148.2370, 37.3512, -33.5338



156.7910, 17.3580, 32.6323

Sweetspot

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



148.7500, -34.3867, 16.0053



209.4880, -13.5516, 6.5880



107.0220, -6.4198, 52.6007



105.2580, -8.0152, 4.1587



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



148.7500, -34.3867, 16.0053



188.4680, -53.4747, 25.0226



148.2970, -34.1634, -9.0305



82.5010, -3.2050, 1.3146



117.0400, -57.7007, 27.1519



15.9590, -7.8678, 3.5440

Inverse Universe

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



97.2500, 34.3868, -16.0052



108.5320, 53.4747, -25.0226



97.7030, 34.1634, 9.0305



77.4990, 3.2050, -1.3146



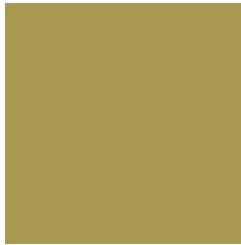
30.9600, 57.7007, -27.1519



4.0410, 7.8678, -3.5440

Previews

White Background



This preview shows how the YUV color 148.7500, -34.3867, 16.0053 looks on a white background.

Color Contrast Check

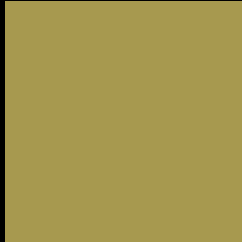
Large Text (above 18pt) WCAG AA × Fail

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 148.7500, -34.3867, 16.0053 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 148.7500, -34.3867, 16.0053

Background



This preview shows how black text looks on a background with the YUV color 148.7500, -34.3867, 16.0053.



This preview shows how white text looks on a background with the YUV color 148.7500, -34.3867, 16.0053.

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

148.7500, -34.3867, 16.0053

Protanopia

149.0490, -34.5342, 16.6200

Deuteranopia

150.2620, -34.1462, 32.2192



Tritanopia

154.3380, 0.8194, 17.2436

Trichromacy



Original Color

148.7500, -34.3867, 16.0053

Protanomaly

149.0490, -34.5342, 16.6200

Deuteranomaly

149.8160, -34.4193, 26.4714

Tritanomaly

152.0100, -11.8369, 16.6542

Monochromacy



Original Color

148.7500, -34.3867, 16.0053

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

148.8300, -12.2412, 6.2881

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.7500, -34.3867, 16.0053 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(167, 153, 79)` looks like.

```
.text, #text, p{  
    color:rgb(167, 153, 79)  
}
```

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(167, 153, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 153, 79) }
```

Border

The CSS property to change the border of an element to YUV 148.7500, -34.3867, 16.0053 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(167, 153, 79) }
```


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

```
.border{ border-color:rgb(167, 153, 79) }
```

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

Here you see how a box with a 4 pixel rgb(167, 153, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 153, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 153, 79);  
box-shadow:4px 4px 4px 4px rgb(167, 153,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 148.7500, -34.3867, 16.0053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 153, 79) }
```

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

```
.background{ background-color: rgb(167,  
153, 79) }
```

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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