

Converting Colors

YUV(145.4840, -34.2556,
20.6235)

Have a look what the booklet for
YUV(145.4840, -34.2556, 20.6235)
contains.

YUV(145.4840, -34.2556, 20.6235)	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(145.4840, -34.2556,
20.6235)**

Conversions

Conversions Part 1

Format	Color
Hex	A9934C
RGB	169, 147, 76
RGB Percent	66%, 58%, 30%
CMY	0.3373, 0.4235, 0.7020
CMYK	0.00, 0.13, 0.55, 0.34
HSL	46°, 38%, 48%
HSV	46°, 55%, 66%
XYZ	28.1004, 29.8243, 11.1131
YIQ	145.4840, 35.9030, -17.4170

Conversions

Conversions Part 2

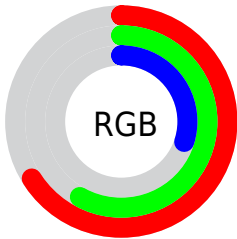
Format	Color
RYB	105, 169, 76
Decimal	11113292
CIELab	61.50, -0.97, 40.16
CIElCh	62, 40.170, 91.386
Yxy	29.8243, 0.4070, 0.4320
Android (android.graphics.Color)	4289303372 (0xFFA9934C)
YUV	145.4840, -34.2556, 20.6235
Hunter-Lab	54.6116, -3.7230, 26.1630

Details

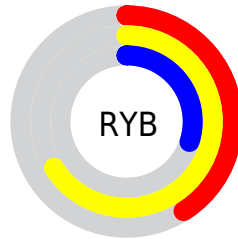
The YUV color **145.4840, -34.2556, 20.6235** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **99.5160, 34.2556, -20.6235**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.0390, -36.0082, 22.7678**, and **94.1030, -33.0818, 17.4497** is the 20% darker color. If you saturate the color by 10%, you get **141.1980, -40.5236, 24.3824**, and if you desaturate by 10%, it is **149.7700, -27.9876, 16.8647**.

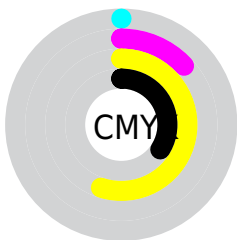
Distribution



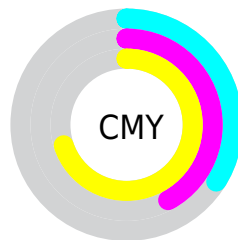
- Red (66%)
- Green (58%)
- Blue (30%)



- Red (41%)
- Yellow (66%)
- Blue (30%)



- Cyan (0%)
- Magenta (13%)
- Yellow (55%)
- Black (34%)



- Cyan (34%)
- Magenta (42%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.4840, -34.2556, 20.6235 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 145.4840, -34.2556, 20.6235 by changing the saturation by 10% instead.

■ 145.4840,
-34.2556, 20.6235

■ 145.4840,
-34.2556, 20.6235

■ 255.0000, 0.0000,
0.0000

■ 119.1140,
-33.0872, 19.1940

■ 200.0390,
-36.0082, 22.7678

■ 94.1030, -33.0818,
17.4497

■ 228.1100,
-37.0292, 23.5825

■ 69.1630, -34.0974,
16.5200

■ 246.4500,
-32.7599, 7.4983

■ 48.7740, -24.0456,
12.4762

■ 249.6420,
-20.5295, 4.6990

■ 28.9720, -14.2832,
7.9176

■ 252.9480, -7.8624,
1.7996

■ 5.3160, -2.6208,
0.5999

■ 0.0000, 0.0000,

0.0000

■ 145.4840,
-34.2556, 20.6235

■ 145.4840,
-34.2556, 20.6235

■ 141.1980,
-40.5236, 24.3824

■ 149.7700,
-27.9876, 16.8647

■ 136.9120,
-46.7916, 28.1412

■ 154.0560,
-21.7196, 13.1059

■ 132.6260,
-53.0596, 31.9000

■ 158.3420,
-15.4516, 9.3471

■ 128.3400,
-59.3276, 35.6588

■ 162.6280, -9.1836,
5.5882

■ 126.2540,
-62.2432, 37.4882

■ 166.8000, -3.3524,
1.9294

■ 171.0860, 2.9156,
-1.8294

■ 175.3720, 9.1836,
-5.5882

■ 179.6580, 15.4516,
-9.3471

■ 183.9440, 21.7196,
-13.1059

Harmonies

Analogous

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



147.7780, -29.9636, 44.0447



145.4840, -34.2556, 20.6235



141.4310, -27.3275, -8.2710

Triad

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



145.4840, -34.2556, 20.6235



118.4180, 32.3319, -103.8526



152.8300, 14.8738, 36.1061

Complementary

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



145.4840, -34.2556, 20.6235



99.5160, 34.2556, -20.6235

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.



151.4650, 28.3648, 2.2232



145.4840, -34.2556, 20.6235



118.4470, 45.1356, -103.8780

Square

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



145.4840, -34.2556, 20.6235



116.5100, 16.0176, -97.7943



142.2960, 37.8151, -42.3556



151.2980, -1.6259, 54.9897

Rectangle

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



145.4840, -34.2556, 20.6235



137.9320, -17.2215, -29.7584



142.2960, 37.8151, -42.3556



153.0290, 19.7057, 26.2846

Sweetspot

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



145.4840, -34.2556, 20.6235



209.4990, -13.5570, 8.3324



106.4290, -3.6625, 54.8748



103.9700, -7.8732, 5.2883



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.



145.4840, -34.2556, 20.6235



182.6260, -53.0596, 31.9000



151.5210, -37.2319, -4.8419



81.9140, -2.9156, 1.8294



110.5830, -54.5174, 32.8147



15.3720, -7.5784, 4.0588

Inverse Universe

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



99.5160, 34.2556, -20.6235



111.3740, 53.0596, -31.9000



93.4790, 37.2319, 4.8419



78.0860, 2.9156, -1.8294



37.4170, 54.5174, -32.8147



5.2150, 7.2890, -4.5736

Previews

White Background



This preview shows how the YUV color 145.4840, -34.2556, 20.6235 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 145.4840, -34.2556, 20.6235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

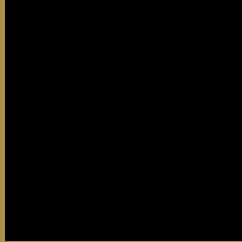
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 145.4840, -34.2556, 20.6235

Background



This preview shows how black text looks on a background with the YUV color 145.4840, -34.2556, 20.6235.



This preview shows how white text looks on a background with the YUV color 145.4840, -34.2556, 20.6235.

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

145.4840, -34.2556, 20.6235

Protanopia

145.2770, -33.6606, 16.4201

Deuteranopia

146.5500, -34.2881, 31.0897



Tritanopia

151.3170, -0.6493, 21.6470

Trichromacy



Original Color

145.4840, -34.2556, 20.6235

Protanomaly

145.2880, -33.6660, 18.1644

Deuteranomaly

146.2290, -34.1299, 26.9862

Tritanomaly

149.1030, -12.8688, 20.9577

Monochromacy



Original Color

145.4840, -34.2556, 20.6235

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

145.4280, -12.5360, 7.5176

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.4840, -34.2556, 20.6235 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(169, 147, 76)` looks like.

```
.text, #text, p{  
    color:rgb(169, 147, 76)  
}
```

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(169, 147, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 147, 76) }
```

Border

The CSS property to change the border of an element to YUV 145.4840, -34.2556, 20.6235 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(169, 147, 76) }
```


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

```
.border{ border-color:rgb(169, 147, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 147, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 147, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 147, 76);  
box-shadow:4px 4px 4px 4px rgb(169, 147,  
76) }
```

Background

The CSS property to change the background color of an element to YUV 145.4840, -34.2556, 20.6235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 147, 76) }
```

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

```
.background{ background-color: rgb(169,  
147, 76) }
```

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