

Converting Colors

YUV(199.1470, -49.8655,
34.0741)

Have a look what the booklet for
YUV(199.1470, -49.8655, 34.0741)
contains.

YUV(199.1470, -49.8655, 34.0741)	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(199.1470, -49.8655,
34.0741)**

Conversions

Conversions Part 1

Format	Color
Hex	EEC762
RGB	238, 199, 98
RGB Percent	93%, 78%, 38%
CMY	0.0667, 0.2196, 0.6157
CMYK	0.00, 0.16, 0.59, 0.07
HSL	43°, 80%, 66%
HSV	43°, 59%, 93%
XYZ	57.8879, 59.9058, 20.0672
YIQ	199.1470, 55.6650, -23.1430

Conversions

Conversions Part 2

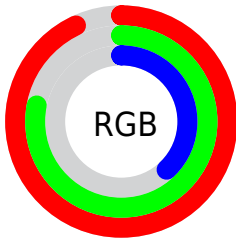
Format	Color
RYB	152, 238, 98
Decimal	15648610
CIELab	81.79, 2.33, 54.78
CIElCh	82, 54.831, 87.565
Yxy	59.9058, 0.4199, 0.4345
Android (android.graphics.Color)	4293838690 (0xFFEEC762)
YUV	199.1470, -49.8655, 34.0741
Hunter-Lab	77.3989, -1.9448, 38.8071

Details

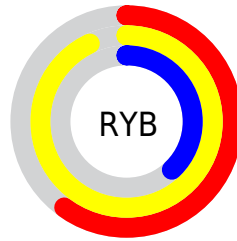
The YUV color $199.1470, -49.8655, 34.0741$ is a light color, and the websafe version is hex FFCC66 . A complement of this color would be $136.8530, 49.8655, -34.0741$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.2580, -44.9902, 10.2977$, and $143.7660, -48.6916, 30.9002$ is the 20% darker color. If you saturate the color by 10%, you get $192.3020, -58.3229, 40.0771$, and if you desaturate by 10%, it is $205.9920, -41.4081, 28.0710$.

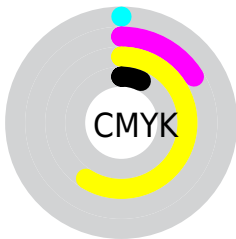
Distribution



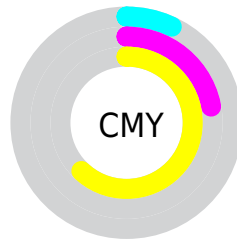
- Red (93%)
- Green (78%)
- Blue (38%)



- Red (60%)
- Yellow (93%)
- Blue (38%)



- Cyan (0%)
- Magenta (16%)
- Yellow (59%)
- Black (7%)



- Cyan (7%)
- Magenta (22%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.1470, -49.8655, 34.0741 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 199.1470, -49.8655, 34.0741 by changing the saturation by 10% instead.

199.1470,
-49.8655, 34.0741

199.1470,
-49.8655, 34.0741

255.0000, 0.0000,
0.0000

171.3640,
-48.9865, 32.1298

243.2580,
-44.9902, 10.2977

143.7660,
-48.6916, 30.9002

246.3360,
-33.1966, 7.5983

116.8860,
-50.7228, 29.0410

249.5280,
-20.9663, 4.7989

92.2430, -45.4758,
26.0969

252.8340, -8.2992,
1.8996

70.6690, -34.8398,
21.3383

49.6820, -24.4932,
16.0649

29.8800, -14.7308,

11.5062

■ 6.8330, -3.3687,
7.1625

■ 0.0000, 0.0000,
0.0000

■ 199.1470,
-49.8655, 34.0741

■ 199.1470,
-49.8655, 34.0741

■ 192.3020,
-58.3229, 40.0771

■ 205.9920,
-41.4081, 28.0710

■ 186.0440,
-67.0697, 45.5654

■ 212.2500,
-32.6613, 22.5828

■ 179.3130,
-75.0903, 51.4685

■ 218.9810,
-24.6406, 16.6797

■ 172.4680,
-83.5477, 57.4716

■ 225.8260,
-16.1832, 10.6766

172.1260,
-84.8581, 57.7715

232.0840, -7.4364,
5.1883

238.9290, 1.0210,
-0.8147

244.0470, 5.3998,
-5.3032

248.1560, 3.3741,
-8.9068

249.9170, 2.5059,
-10.4512

Harmonies

Analogous

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



195.3570, -38.1370, 52.3069



199.1470, -49.8655, 34.0741



193.6580, -41.7364, -6.7161

Triad

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



199.1470, -49.8655, 34.0741



162.8090, 42.4922, -142.7835



206.2790, 24.0195, 42.7283

Complementary

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



199.1470, -49.8655, 34.0741



136.8530, 49.8655, -34.0741

Split Complementary

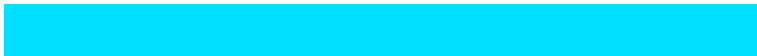
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



201.8730, 26.1916, -0.7656



199.1470, -49.8655, 34.0741



159.9710, 46.8493, -140.2946

Square

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



199.1470, -49.8655, 34.0741



156.8810, 19.7787, -137.5846



183.4360, 35.2811, -69.6654



194.6920, 7.5468, 52.8901

Rectangle

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



199.1470, -49.8655, 34.0741



189.0160, -28.1089, -37.7250



183.4360, 35.2811, -69.6654



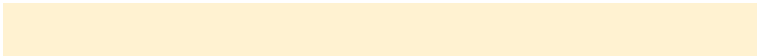
207.1100, 23.6098, 34.1065

Sweetspot

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



199.1470, -49.8655, 34.0741



242.1250, -16.3306, 11.2914



144.4200, -3.1651, 82.0697



119.9980, -10.3520, 7.0178



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



199.1470, -49.8655, 34.0741



205.0160, -64.5909, 43.8360



213.0700, -56.7295, -4.4464



116.8710, -4.3734, 2.7441



132.5000, -65.3225, 45.1655



40.2240, -19.8304, 13.8356

Inverse Universe

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



136.8530, 49.8655, -34.0741



123.9840, 64.5909, -43.8360



122.9300, 56.7295, 4.4464



111.1290, 4.3734, -2.7441



50.9130, 65.6119, -44.6507



15.7760, 19.8304, -13.8356

Previews

White Background



This preview shows how the YUV color 199.1470, -49.8655, 34.0741 looks on a white background.

Color Contrast Check

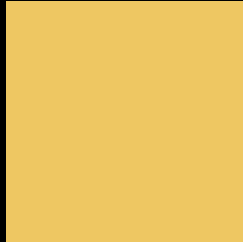
Large Text (above 18pt) WCAG AA × Fail

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 199.1470, -49.8655, 34.0741 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 199.1470, -49.8655, 34.0741 Background



This preview shows how black text looks on a background with the YUV color 199.1470, -49.8655, 34.0741.



This preview shows how white text looks on a background with the YUV color 199.1470, -49.8655, 34.0741.

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

199.1470, -49.8655, 34.0741

Protanopia

198.4230, -48.5225, 23.3080

Deuteranopia

200.2130, -49.8980, 44.5402



Tritanopia

207.2370, -2.5818, 34.8722

Trichromacy



Original Color

199.1470, -49.8655, 34.0741

Protanomaly

198.6300, -49.1176, 27.5115

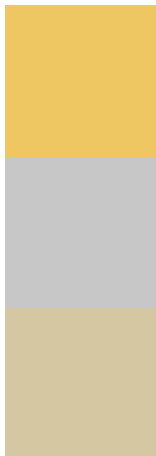
Deuteranomaly

199.8920, -49.7398, 40.4367

Tritanomaly

204.3560, -19.8955, 34.7678

Monochromacy



Original Color

199.1470, -49.8655, 34.0741

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

198.9680, -18.2252, 12.3061

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.1470, -49.8655, 34.0741 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(238, 199, 98)` looks like.

```
.text, #text, p{  
    color:rgb(238, 199, 98)  
}
```

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(238, 199, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 199, 98) }
```

Border

The CSS property to change the border of an element to YUV 199.1470, -49.8655, 34.0741 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(238, 199, 98) }
```


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

```
.border{ border-color:rgb(238, 199, 98) }
```

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

Here you see how a box with a 4 pixel rgb(238, 199, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 199, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 199, 98);  
box-shadow:4px 4px 4px 4px rgb(238, 199,  
98) }
```

Background

The CSS property to change the background color of an element to YUV 199.1470, -49.8655, 34.0741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 199, 98) }
```

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

```
.background{ background-color: rgb(238,  
199, 98) }
```

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