

Converting Colors

YUV(174.4270, -34.7205,
-17.0375)

Have a look what the booklet for
YUV(174.4270, -34.7205, -17.0375)
contains.

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Color

**YUV(174.4270, -34.7205,
-17.0375)**

Conversions

Conversions Part 1

Format	Color
Hex	9BC668
RGB	155, 198, 104
RGB Percent	61%, 78%, 41%
CMY	0.3922, 0.2235, 0.5922
CMYK	0.22, 0.00, 0.47, 0.22
HSL	87°, 45%, 59%
HSV	87°, 47%, 78%
XYZ	36.2103, 48.3562, 20.5219
YIQ	174.4270, 4.5460, -38.3500

Conversions

Conversions Part 2

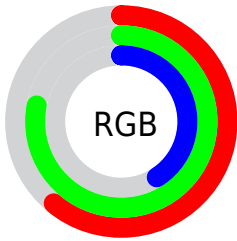
Format	Color
RYB	104, 198, 147
Decimal	10208872
CIELab	75.05, -29.99, 42.31
CIELCh	75, 51.860, 125.325
Yxy	48.3562, 0.3446, 0.4601
Android (android.graphics.Color)	4288398952 (0xFF9BC668)
YUV	174.4270, -34.7205, -17.0375
Hunter-Lab	69.5386, -28.7436, 31.1797

Details

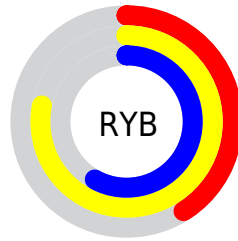
The YUV color **174.4270, -34.7205, -17.0375** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **127.5730, 34.7205, 17.0375**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.6720, -36.3203, -17.2523**, and **120.7690, -33.4101, -17.3374** is the 20% darker color. If you saturate the color by 10%, you get **169.4560, -42.1298, -20.5709**, and if you desaturate by 10%, it is **179.3980, -27.3112, -13.5040**.

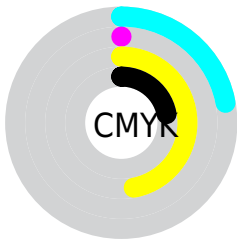
Distribution



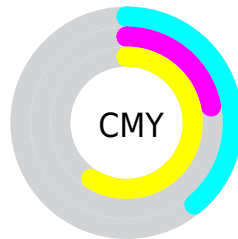
- Red (61%)
- Green (78%)
- Blue (41%)



- Red (41%)
- Yellow (78%)
- Blue (58%)



- Cyan (22%)
- Magenta (0%)
- Yellow (47%)
- Black (22%)



- Cyan (39%)
- Magenta (22%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.4270, -34.7205, -17.0375 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 174.4270, -34.7205, -17.0375 by changing the saturation by 10% instead.

■ 174.4270,
-34.7205, -17.0375

■ 174.4270,
-34.7205, -17.0375

■ 255.0000, 0.0000,
0.0000

■ 147.6550,
-33.8469, -17.2374

■ 230.6720,
-36.3203, -17.2523

■ 120.7690,
-33.4101, -17.3374

■ 242.4210,
-28.8016, -2.1232

■ 95.1820, -33.1207,
-16.8226

■ 250.0980,
-18.7823, 4.2991

■ 69.5410, -34.2837,
-17.1375

■ 253.4040, -6.1152,
1.3997

■ 47.9780, -23.6532,
-20.1517

■ 27.0020, -13.3120,
-23.6808

■ 15.2620, -7.5242,

-13.3848

■ 0.0000, 0.0000,
0.0000

■ 174.4270,
-34.7205, -17.0375

■ 174.4270,
-34.7205, -17.0375

■ 169.4560,
-42.1298, -20.5709

■ 179.3980,
-27.3112, -13.5040

■ 164.4850,
-49.5391, -24.1043

■ 184.3690,
-19.9019, -9.9706

■ 159.6280,
-56.5116, -27.7378

■ 189.2260,
-12.9294, -6.3372

■ 154.6570,
-63.9209, -31.2712

■ 194.1970, -5.5201,
-2.8038

■ 149.6860,
-71.3302, -34.8046

■ 199.1680, 1.8892,
0.7297

■ 148.2190,
-73.0720, -36.1491

■ 204.1390, 9.2985,
4.2631

■ 209.1100, 16.7078,
7.7965

■ 213.1690, 20.6227,
12.1298

■ 216.1590, 19.1486,
18.2776

Harmonies

Analogous

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



179.8080, -45.7543, 22.0934



174.4270, -34.7205, -17.0375



164.1340, -10.4191, -65.0155

Triad

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



174.4270, -34.7205, -17.0375



146.4700, 53.5053, -128.4542



181.6520, -1.8004, 64.3262

Complementary

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



174.4270, -34.7205, -17.0375



127.5730, 34.7205, 17.0375

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.



190.0370, 17.7298, 53.4646



174.4270, -34.7205, -17.0375



174.4200, 39.7259, -48.6033

Square

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



174.4270, -34.7205, -17.0375



149.3420, 44.2014, -130.9729



188.0730, 32.9950, 10.4600



180.5170, -23.9189, 65.3216

Rectangle

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



174.4270, -34.7205, -17.0375



142.6330, 15.9569, -125.0891



188.0730, 32.9950, 10.4600



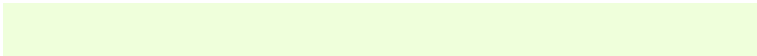
183.4760, 5.1883, 62.7265

Sweetspot

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



174.4270, -34.7205, -17.0375



246.1120, -13.3662, -6.2372



156.7600, -26.0107, 36.1675



122.5020, -8.1355, -3.9483



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.



174.4270, -34.7205, -17.0375



218.7360, -53.6068, -26.0785



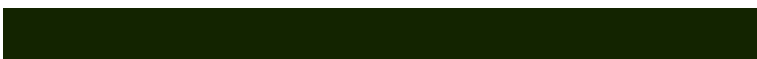
160.6730, -27.9398, -45.3172



96.7780, -3.3416, -1.5593



122.2920, -60.2900, -29.1971



26.8130, -13.2188, -6.8520

Inverse Universe

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



127.5730, 34.7205, 17.0375



146.2640, 53.6068, 26.0785



141.3270, 27.9398, 45.3172



92.2220, 3.3416, 1.5593



41.0070, 60.1425, 29.8119



8.8880, 13.3662, 6.2372

Previews

White Background



This preview shows how the YUV color 174.4270, -34.7205, -17.0375 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 174.4270, -34.7205, -17.0375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

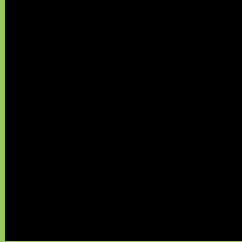
Any Text WCAG AA ✓ Pass

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 174.4270, -34.7205, -17.0375 Background



This preview shows how black text looks on a background with the YUV color 174.4270, -34.7205, -17.0375.



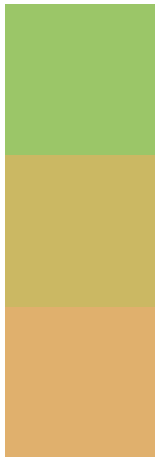
This preview shows how white text looks on a background with the YUV color 174.4270, -34.7205, -17.0375.

-17.0375.

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

174.4270, -34.7205, -17.0375

Protanopia

179.9910, -39.9286, 20.1789

Deuteranopia

182.7140, -36.3410, 36.2078



Tritanopia

183.3280, 9.2053, -12.5657

Trichromacy



Original Color

174.4270, -34.7205, -17.0375

Protanomaly

178.0710, -37.9960, 6.9537

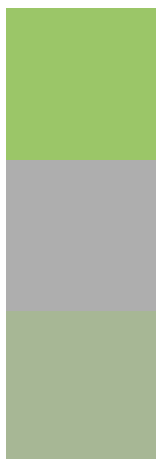
Deuteranomaly

179.7070, -35.8446, 16.9200

Tritanomaly

180.0770, -6.9400, -14.0995

Monochromacy



Original Color

174.4270, -34.7205, -17.0375

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

174.3400, -12.4926, -6.4372

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.4270, -34.7205, -17.0375 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(155, 198, 104)` looks like.

```
.text, #text, p{  
    color:rgb(155, 198, 104)  
}
```

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(155, 198, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 198, 104) }
```

Border

The CSS property to change the border of an element to YUV 174.4270, -34.7205, -17.0375 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(155, 198, 104) }
```


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

```
.border{ border-color:rgb(155, 198, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 198, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 198, 104); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 198, 104); box-shadow:4px 4px 4px 4px rgb(155, 198, 104) }
```

Background

The CSS property to change the background color of an element to YUV 174.4270, -34.7205, -17.0375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 198, 104) }
```

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

```
.background{ background-color: rgb(155,  
198, 104) }
```

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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