

Converting Colors

YUV(170.4000, -34.2142,
-86.2968)

Have a look what the booklet for
YUV(170.4000, -34.2142, -86.2968)
contains.

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Color

**YUV(170.4000, -34.2142,
-86.2968)**

Conversions

Conversions Part 1

Format	Color
Hex	48EA65
RGB	72, 234, 101
RGB Percent	28%, 92%, 40%
CMY	0.7176, 0.0824, 0.6039
CMYK	0.69, 0.00, 0.57, 0.08
HSL	131°, 79%, 60%
HSV	131°, 69%, 92%
XYZ	34.4443, 61.1629, 22.3021
YIQ	170.4000, -53.8590, -75.7070

Conversions

Conversions Part 2

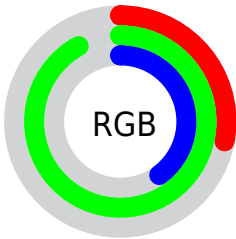
Format	Color
RYB	72, 209, 234
Decimal	4778597
CIELab	82.47, -67.95, 51.88
CIELCh	82, 85.487, 142.640
Yxy	61.1629, 0.2921, 0.5187
Android (android.graphics.Color)	4282968677 (0xFF48EA65)
YUV	170.4000, -34.2142, -86.2968
Hunter-Lab	78.2067, -58.2458, 37.8370

Details

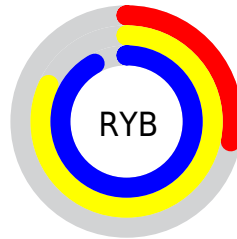
The YUV color **170.4000, -34.2142, -86.2968** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted spring green. A complement of this color would be **135.6000, 34.2142, 86.2968**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.9160, -26.5806, -61.3163**, and **109.2570, -30.6927, -95.8184** is the 20% darker color. If you saturate the color by 10%, you get **161.3570, -39.1230, -98.5371**, and if you desaturate by 10%, it is **179.4430, -29.3054, -74.0565**.

Distribution



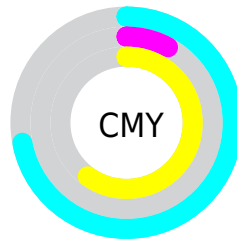
- Red (28%)
- Green (92%)
- Blue (40%)



- Red (28%)
- Yellow (82%)
- Blue (92%)



- Cyan (69%)
- Magenta (0%)
- Yellow (57%)
- Black (8%)



- Cyan (72%)
- Magenta (8%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.4000, -34.2142, -86.2968 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 170.4000, -34.2142, -86.2968 by changing the saturation by 10% instead.

170.4000,
-34.2142, -86.2968

170.4000,
-34.2142, -86.2968

255.0000, 0.0000,
0.0000

134.7510,
-29.9502, -100.6366

208.9160,
-26.5806, -61.3163

109.2570,
-30.6927, -95.8184

221.6760,
-19.0673, -44.4429

89.1730, -36.5673,
-78.2047

234.1370,
-11.4065, -28.1841

71.6140, -35.3057,
-62.8055

246.7120, -3.3090,
-12.0254

56.3520, -27.7815,
-49.4207

41.0900, -20.2574,
-36.0359

27.0020, -13.3120,

-23.6808

■ 9.3920, -4.6303,
-8.2368

■ 0.0000, 0.0000,
0.0000

■ 170.4000,
-34.2142, -86.2968

■ 170.4000,
-34.2142, -86.2968

■ 161.3570,
-39.1230, -98.5371

■ 179.4430,
-29.3054, -74.0565

■ 152.0150,
-43.8844, -111.3922

■ 188.7850,
-24.5440, -61.2014

■ 142.8580,
-49.2300, -123.5325


■ 197.9420,
-19.1984, -49.0611

■ 142.1460,
-49.3720, -124.6620

■ 207.2840,
-14.4370, -36.2061

 216.3270, -9.5282,
-23.9658

 225.3700, -4.6194,
-11.7255

 234.7120, 0.1420,
1.1296

 242.6730, 6.0772,
10.8108

Harmonies

Analogous

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



186.4900, -80.6006, -1.3067



170.4000, -34.2142, -86.2968



162.2150, 9.7540, -142.2626

Triad

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



170.4000, -34.2142, -86.2968



158.7970, 47.4281, -139.2650



169.4270, -10.5635, 75.0475

Complementary

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



170.4000, -34.2142, -86.2968



135.6000, 34.2142, 86.2968

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.



176.3130, 25.9747, 69.0085



170.4000, -34.2142, -86.2968



190.8100, 31.6457, -23.5124

Square

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



170.4000, -34.2142, -86.2968



167.6020, 43.0872, -146.9870



196.3000, 28.9391, 51.4799



179.4160, -50.9841, 66.2872

Rectangle

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



170.4000, -34.2142, -86.2968



169.7730, 33.6359, -148.8909



196.3000, 28.9391, 51.4799



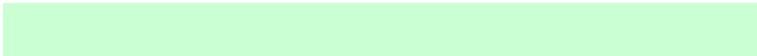
168.9830, 2.9664, 75.4369

Sweetspot

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



170.4000, -34.2142, -86.2968



233.8380, -11.2591, -28.7989



207.4590, -66.7813, -0.4025



115.3540, -7.0765, -16.9735



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.



170.4000, -34.2142, -86.2968



171.7760, -44.7526, -112.9366



179.4060, 0.2928, -94.1951



112.6850, -2.3097, -5.8627



109.8950, -38.4022, -96.3779



32.8380, -11.2591, -28.7989

Inverse Universe

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



135.6000, 34.2142, 86.2968



126.2240, 44.7526, 112.9366



126.5940, -0.2928, 94.1951



110.3150, 2.3097, 5.8627



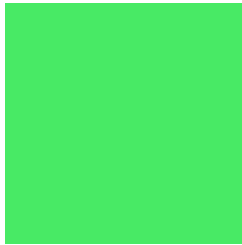
71.1050, 38.4022, 96.3779



21.1620, 11.2591, 28.7989

Previews

White Background



This preview shows how the YUV color 170.4000, -34.2142, -86.2968 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 170.4000, -34.2142, -86.2968 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

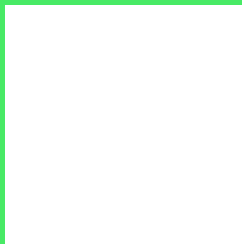
Any Text WCAG AAA ✓ Pass

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

YUV 170.4000, -34.2142, -86.2968 Background



This preview shows how black text looks on a background with the YUV color 170.4000, -34.2142, -86.2968.



This preview shows how white text looks on a background with the YUV color 170.4000, -34.2142, -86.2968.

-86.2968.

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

170.4000, -34.2142, -86.2968

Protanopia

197.6960, -52.6011, 24.8226

Deuteranopia

200.7980, -43.7774, 41.3962



Tritanopia

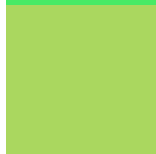
190.0590, 23.6349, -67.5807

Trichromacy



Original Color

170.4000, -34.2142, -86.2968



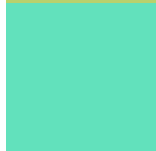
Protanomaly

187.8650, -45.7824, -15.6676



Deuteranomaly

190.0110, -40.4314, -5.2716



Tritanomaly

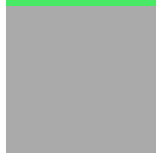
182.8090, 2.5592, -74.3775

Monochromacy



Original Color

170.4000, -34.2142, -86.2968



Achromatopsia

170.0000, 0.0000, 0.0000



Achromatomaly

169.8870, -12.2693, -31.4729

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.4000, -34.2142, -86.2968 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(72, 234, 101)` looks like.

```
.text, #text, p{  
    color:rgb(72, 234, 101)  
}
```

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(72, 234, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 234, 101) }
```

Border

The CSS property to change the border of an element to YUV 170.4000, -34.2142, -86.2968 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(72, 234, 101) }
```


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

```
.border{ border-color:rgb(72, 234, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 234, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 234, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 234, 101);  
box-shadow:4px 4px 4px 4px rgb(72, 234,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 170.4000, -34.2142, -86.2968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 234, 101) }
```

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

```
.background{ background-color: rgb(72, 234,  
101) }
```

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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