

Converting Colors

YUV(184.8620, -34.4420,
-13.0340)

Have a look what the booklet for
YUV(184.8620, -34.4420, -13.0340)
contains.

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Color

**YUV(184.8620, -34.4420,
-13.0340)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | AACE73 |
| RGB | 170, 206, 115 |
| RGB Percent | 67%, 81%, 45% |
| CMY | 0.3333, 0.1922, 0.5490 |
| CMYK | 0.17, 0.00, 0.44, 0.19 |
| HSL | 84°, 48%, 63% |
| HSV | 84°, 44%, 81% |
| XYZ | 41.7434, 53.9265, 24.4284 |
| YIQ | 184.8620, 7.7550, -35.9330 |

Conversions

Conversions Part 2

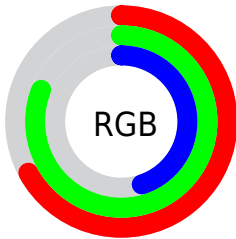
| Format | Color |
|-------------------------------------|---|
| RYB | 115, 206, 151 |
| Decimal | 11193971 |
| CIELab | 78.42, -26.92, 41.26 |
| CIELCh | 78, 49.267, 123.117 |
| Yxy | 53.9265, 0.3476, 0.4490 |
| Android (android.graphics.Color) | 4289384051 (0xFFAAACE73) |
| YUV | 184.8620, -34.4420, -13.0340 |
| Hunter-Lab | 73.4346, -27.0436, 31.6811 |

Details

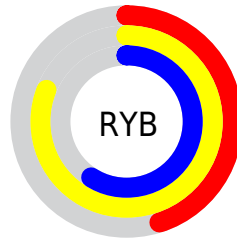
The YUV color **184.8620, -34.4420, -13.0340** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **136.1380, 34.4420, 13.0340**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.7100, -33.8740, -8.5157**, and **131.2040, -33.1316, -13.3339** is the 20% darker color. If you saturate the color by 10%, you get **180.0760, -42.4355, -15.8527**, and if you desaturate by 10%, it is **189.6480, -26.4485, -10.2153**.

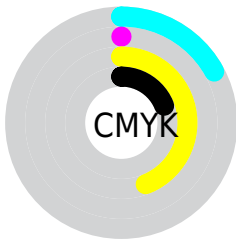
Distribution



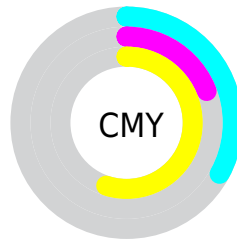
- Red (67%)
- Green (81%)
- Blue (45%)



- Red (45%)
- Yellow (81%)
- Blue (59%)



- Cyan (17%)
- Magenta (0%)
- Yellow (44%)
- Black (19%)



- Cyan (33%)
- Magenta (19%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.8620, -34.4420, -13.0340 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 184.8620, -34.4420, -13.0340 by changing the saturation by 10% instead.

■ 184.8620,
-34.4420, -13.0340

■ 184.8620,
-34.4420, -13.0340

255.0000, 0.0000,
0.0000

■ 157.3890,
-33.7158, -12.6192

■ 236.7100,
-33.8740, -8.5157

■ 131.2040,
-33.1316, -13.3339

■ 248.2740,
-25.7711, 5.8987

■ 105.3180,
-32.6948, -13.4339

■ 251.4660,
-13.5407, 3.0993

■ 79.2040, -33.1316,
-13.3339

254.7720, -0.8736,
0.2000

■ 56.5720, -27.8900,
-14.5336

■ 34.9980, -17.2540,
-19.2922

■ 19.3710, -9.5499,

-16.9884

■ 0.0000, 0.0000,
0.0000

■ 184.8620,
-34.4420, -13.0340

■ 184.8620,
-34.4420, -13.0340

■ 180.0760,
-42.4355, -15.8527

■ 189.6480,
-26.4485, -10.2153

■ 175.4040,
-49.9922, -18.7713

■ 194.3200,
-18.8918, -7.2966

■ 170.6180,
-57.9857, -21.5900

■ 199.1060,
-10.8983, -4.4780


■ 165.6470,
-65.3950, -25.1234


■ 204.0770, -3.4890,
-0.9445


■ 160.8610,
-73.3885, -27.9421

■ 208.8630, 4.5045,
1.8741

 158.2970,
-78.0404, -29.2015

 213.6490, 12.4980,
4.6928

 217.8650, 18.3076,
8.0114

 220.2570, 17.1283,
12.9296

 222.6490, 15.9490,
17.8478

Harmonies

Analogous

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



189.9870, -43.8706, 24.5674



184.8620, -34.4420, -13.0340



176.3200, -12.4828, -56.4086

Triad

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



184.8620, -34.4420, -13.0340



152.3400, 50.6114, -133.6022



190.1780, 0.4052, 56.8489

Complementary

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



184.8620, -34.4420, -13.0340



136.1380, 34.4420, 13.0340

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.



199.4170, 18.0354, 48.7463



184.8620, -34.4420, -13.0340



183.2800, 35.3580, -47.6036

Square

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



184.8620, -34.4420, -13.0340



154.4940, 43.6335, -135.4912



196.0250, 29.0747, 7.8711



187.9830, -20.6976, 58.7739

Rectangle

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



184.8620, -34.4420, -13.0340



164.8710, 8.4446, -95.4799



196.0250, 29.0747, 7.8711



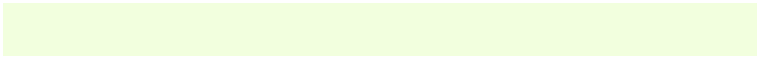
192.5890, 7.1046, 54.7344

Sweetspot

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



184.8620, -34.4420, -13.0340



247.3510, -12.4980, -4.6928



162.7540, -23.5427, 37.9267



122.9150, -7.8461, -3.4335



0.0000, 0.0000, 0.0000



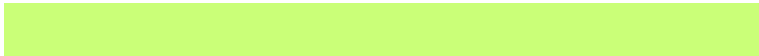
128.0000, 0.0000, 0.0000

Same Dimension

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



184.8620, -34.4420, -13.0340



223.7630, -51.1552, -19.0862



171.7060, -27.9561, -40.0842



99.6640, -3.7784, -1.4593



127.3420, -62.7796, -23.9789



29.1830, -14.3872, -5.4225

Inverse Universe

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



136.1380, 34.4420, 13.0340



151.2370, 51.1552, 19.0862



149.2940, 27.9561, 40.0842



94.3360, 3.7784, 1.4593



38.6580, 62.7796, 23.9789



8.8170, 14.3872, 5.4225

Previews

White Background



This preview shows how the YUV color 184.8620, -34.4420, -13.0340 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 184.8620, -34.4420, -13.0340 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 184.8620, -34.4420, -13.0340 Background



This preview shows how black text looks on a background with the YUV color 184.8620, -34.4420, -13.0340.



This preview shows how white text looks on a background with the YUV color 184.8620, -34.4420, -13.0340.

-13.0340.

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

184.8620, -34.4420, -13.0340

Protanopia

189.8060, -39.3444, 19.4641

Deuteranopia

192.2410, -35.6148, 36.6226



Tritanopia

193.1220, 8.3209, -8.8770

Trichromacy



Original Color

184.8620, -34.4420, -13.0340

Protanomaly

187.8970, -37.4172, 7.9833

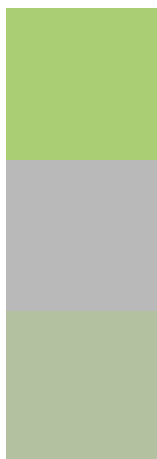
Deuteranomaly

189.8320, -35.4132, 18.5643

Tritanomaly

189.9850, -7.3876, -10.5108

Monochromacy



Original Color

184.8620, -34.4420, -13.0340

Achromatopsia

185.0000, 0.0000, 0.0000

Achromatomaly

185.3510, -12.4980, -4.6928

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.8620, -34.4420, -13.0340 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(170, 206, 115)` looks like.

```
.text, #text, p{  
    color:rgb(170, 206, 115)  
}
```

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(170, 206, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 206, 115) }
```

Border

The CSS property to change the border of an element to YUV 184.8620, -34.4420, -13.0340 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(170, 206, 115) }
```


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

```
.border{ border-color:rgb(170, 206, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 206, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 206, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 206, 115);  
box-shadow:4px 4px 4px 4px rgb(170, 206,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 184.8620, -34.4420, -13.0340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 206, 115) }
```

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

```
.background{ background-color: rgb(170,  
206, 115) }
```

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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