

Converting Colors

YUV(213.3170, -34.6663,
-34.4810)

Have a look what the booklet for
YUV(213.3170, -34.6663, -34.4810)
contains.

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Color

**YUV(213.3170, -34.6663,
-34.4810)**

Conversions

Conversions Part 1

Format	Color
Hex	AEF78F
RGB	174, 247, 143
RGB Percent	68%, 97%, 56%
CMY	0.3176, 0.0314, 0.4392
CMYK	0.30, 0.00, 0.42, 0.03
HSL	102°, 87%, 76%
HSV	102°, 42%, 97%
XYZ	55.6742, 77.5034, 38.0119
YIQ	213.3170, -10.1240, -47.8200

Conversions

Conversions Part 2

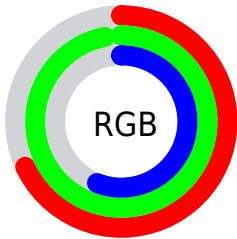
Format	Color
RYB	143, 247, 216
Decimal	11466639
CIELab	90.55, -40.93, 42.89
CIELCh	91, 59.281, 133.661
Yxy	77.5034, 0.3252, 0.4527
Android (android.graphics.Color)	4289656719 (0xFFFAEF78F)
YUV	213.3170, -34.6663, -34.4810
Hunter-Lab	88.0360, -41.1790, 36.0251

Details

The YUV color **213.3170, -34.6663, -34.4810** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **176.6830, 34.6663, 34.4810**, and the grayscale version is **214.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.6250, -21.5071, -8.4411**, and **157.1860, -32.6297, -34.3661** is the 20% darker color. If you saturate the color by 10%, you get **205.3840, -43.0803, -42.4328**, and if you desaturate by 10%, it is **221.2500, -26.2523, -26.5293**.

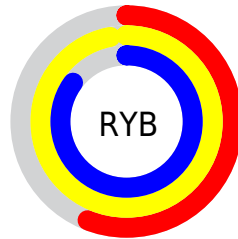
Distribution



Red (68%)

Green (97%)

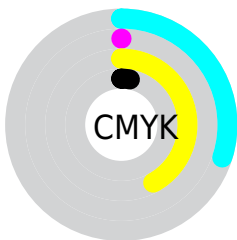
Blue (56%)



Red (56%)

Yellow (97%)

Blue (85%)

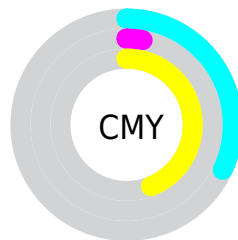


Cyan (30%)

Magenta (0%)

Yellow (42%)

Black (3%)



Cyan (32%)

Magenta (3%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.3170, -34.6663, -34.4810 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 213.3170, -34.6663, -34.4810 by changing the saturation by 10% instead.

■ 213.3170,
-34.6663, -34.4810

■ 213.3170,
-34.6663, -34.4810

255.0000, 0.0000,
0.0000

■ 184.9580,
-33.5033, -34.1662

■ 241.6250,
-21.5071, -8.4411

■ 157.1860,
-32.6297, -34.3661

■ 251.6940,
-12.6671, 2.8994

■ 130.3000,
-32.1929, -34.4661

■ 103.5280,
-31.3193, -34.6661

■ 76.2890, -32.1875,
-36.2105

■ 49.8950, -24.5982,
-43.7579

■ 35.8070, -17.6529,

-31.4027

■ 23.4800, -11.5756,
-20.5920

■ 2.3480, -1.1576,
-2.0592

■ 213.3170,
-34.6663, -34.4810

■ 213.3170,
-34.6663, -34.4810

■ 205.3840,
-43.0803, -42.4328

■ 221.2500,
-26.2523, -26.5293

■ 197.2660,
-50.9101, -51.0993

■ 229.3680,
-18.4224, -17.8627

■ 189.3330,
-59.3242, -59.0510

■ 237.3010,
-10.0084, -9.9110

■ 181.4000,
-67.7382, -67.0028

■ 245.2340, -1.5944,
-1.9592

■ 173.2820,
-75.5680, -75.6693

■ 250.3040, 2.3151,
4.1184

■ 167.1150,
-82.3877, -81.6619

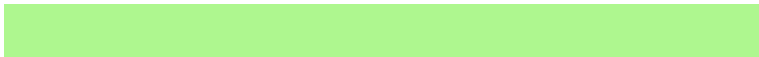
Harmonies

Analogous

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



220.6300, -52.5686, 14.3565



213.3170, -34.6663, -34.4810



198.1130, -2.0277, -96.5691

Triad

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



213.3170, -34.6663, -34.4810



171.7110, 41.0615, -150.5905



205.7480, -0.8618, 43.1940

Complementary

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



213.3170, -34.6663, -34.4810



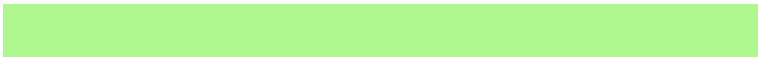
176.6830, 34.6663, 34.4810

Split Complementary

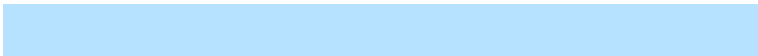
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



213.9100, 20.2574, 36.0359



213.3170, -34.6663, -34.4810



215.5630, 19.4424, -29.4348

Square

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



213.3170, -34.6663, -34.4810



177.5810, 38.1676, -155.7385



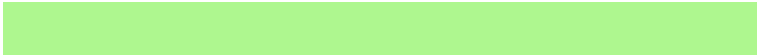
224.4760, 15.0483, 26.7695



207.4510, -27.3373, 41.7005

Rectangle

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



213.3170, -34.6663, -34.4810



176.2470, 27.9792, -154.5686



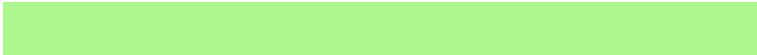
224.4760, 15.0483, 26.7695



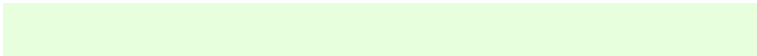
207.9140, 7.4374, 41.2944

Sweetspot

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



213.3170, -34.6663, -34.4810



244.3610, -11.0240, -10.8406



216.9470, -36.4559, 26.3565



121.1210, -6.9617, -7.1221



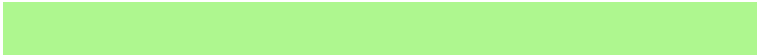
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



213.3170, -34.6663, -34.4810



212.9710, -43.3697, -42.9476



206.4420, -20.9239, -55.6386



118.2400, -4.0623, -3.7185



125.6270, -61.9341, -61.9399



39.7160, -19.5800, -19.9219

Inverse Universe

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



176.6830, 34.6663, 34.4810



167.0290, 43.3697, 42.9476



183.5580, 20.9239, 55.6386



114.0590, 3.9149, 4.3333



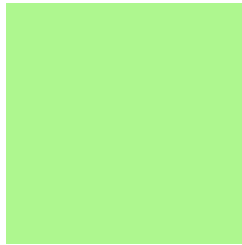
60.3730, 61.9341, 61.9399



18.9850, 19.7274, 19.3072

Previews

White Background



This preview shows how the YUV color 213.3170, -34.6663, -34.4810 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 213.3170, -34.6663, -34.4810 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 213.3170, -34.6663, -34.4810 Background



This preview shows how black text looks on a background with the YUV color 213.3170, -34.6663, -34.4810.



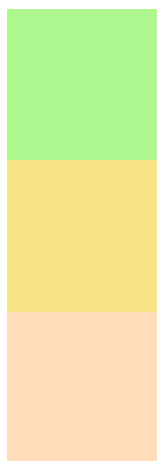
This preview shows how white text looks on a background with the YUV color 213.3170, -34.6663, -34.4810.

-34.4810.

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

213.3170, -34.6663, -34.4810

Protanopia

222.7910, -43.2810, 22.1083

Deuteranopia

227.1760, -20.2998, 24.4016



Tritanopia

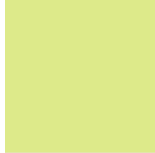
223.6080, 14.4903, -27.7202

Trichromacy



Original Color

213.3170, -34.6663, -34.4810



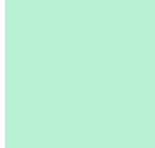
Protanomaly

219.1690, -40.0163, 1.6058



Deuteranomaly

221.9640, -25.6183, 3.5396



Tritanomaly

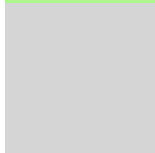
219.8900, -3.3968, -30.5985

Monochromacy



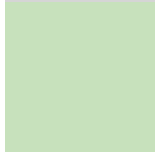
Original Color

213.3170, -34.6663, -34.4810



Achromatopsia

213.0000, 0.0000, 0.0000



Achromatomaly

213.0080, -12.3289, -12.2850

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.3170, -34.6663, -34.4810 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(174, 247, 143)` looks like.

```
.text, #text, p{  
    color:rgb(174, 247, 143)  
}
```

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(174, 247, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 247, 143) }
```

Border

The CSS property to change the border of an element to YUV 213.3170, -34.6663, -34.4810 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(174, 247, 143) }
```


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

```
.border{ border-color:rgb(174, 247, 143) }
```

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

Here you see how a box with a 4 pixel rgb(174, 247, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 247, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 247, 143);  
box-shadow:4px 4px 4px 4px rgb(174, 247,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 213.3170, -34.6663, -34.4810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 247, 143) }
```

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

```
.background{ background-color: rgb(174,  
247, 143) }
```

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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