

Converting Colors

YUV(217.4170, -26.3346,
-46.8467)

Have a look what the booklet for
YUV(217.4170, -26.3346, -46.8467)
contains.

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Color

**YUV(217.4170, -26.3346,
-46.8467)**

Conversions

Conversions Part 1

Format	Color
Hex	A4FFA4
RGB	164, 255, 164
RGB Percent	64%, 100%, 64%
CMY	0.3569, 0.0000, 0.3569
CMYK	0.36, 0.00, 0.36, 0.00
HSL	120°, 100%, 82%
HSV	120°, 36%, 100%
XYZ	57.7707, 82.0928, 47.9226
YIQ	217.4170, -25.0250, -47.5930

Conversions

Conversions Part 2

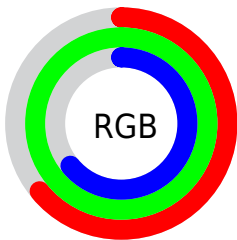
Format	Color
RYB	164, 255, 255
Decimal	10813348
CIELab	92.62, -44.63, 35.14
CIElCh	93, 56.803, 141.790
Yxy	82.0928, 0.3076, 0.4372
Android (android.graphics.Color)	4289003428 (0xFFA4FFA4)
YUV	217.4170, -26.3346, -46.8467
Hunter-Lab	90.6051, -44.7456, 32.0641

Details

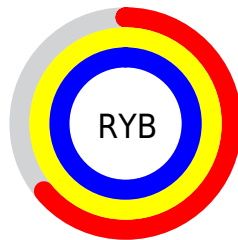
The YUV color $217.4170, -26.3346, -46.8467$ is a light color, and the websafe version is hex $99FF99$. A complement of this color would be $201.5830, 26.3346, 46.8467$, and the grayscale version is $218.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $241.1430, -10.4235, -16.7884$, and $161.1720, -24.7348, -46.6318$ is the 20% darker color. If you saturate the color by 10%, you get $207.0920, -33.5694, -59.7167$, and if you desaturate by 10%, it is $228.1550, -18.8104, -33.4619$.

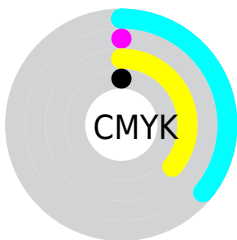
Distribution



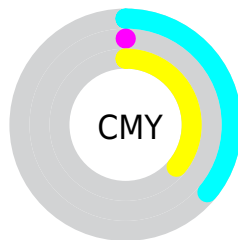
- Red (64%)
- Green (100%)
- Blue (64%)



- Red (64%)
- Yellow (100%)
- Blue (100%)



- Cyan (36%)
- Magenta (0%)
- Yellow (36%)
- Black (0%)



- Cyan (36%)
- Magenta (0%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.4170, -26.3346, -46.8467 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 217.4170, -26.3346, -46.8467 by changing the saturation by 10% instead.

■ 217.4170,
-26.3346, -46.8467

■ 217.4170,
-26.3346, -46.8467

■ 255.0000, 0.0000,
0.0000

■ 188.9440,
-25.6084, -46.4319

■ 241.1430,
-10.4235, -16.7884

■ 161.1720,
-24.7348, -46.6318

■ 253.0060, -2.4680,
-1.7593

■ 133.5140,
-23.4244, -46.9318

■ 106.1440,
-22.2560, -48.3613

■ 76.7840, -19.6135,
-55.9386

■ 54.6710, -21.5298,
-47.9465

■ 39.3290, -19.3892,

-34.4915

■ 26.4150, -13.0226,
-23.1660

■ 9.9790, -4.9196,
-8.7516

■ 217.4170,
-26.3346, -46.8467

■ 217.4170,
-26.3346, -46.8467

■ 207.0920,
-33.5694, -59.7167

■ 228.1550,
-18.8104, -33.4619

■ 196.3540,
-41.0935, -73.1015

■ 238.4800,
-11.5756, -20.5920

■ 186.0290,
-48.3283, -85.9714

■ 249.2180, -4.0515,
-7.2072

■ 175.2910,
-55.8525, -99.3562

255.0000, 0.0000,
0.0000

■ 164.5530,
-63.3766, -112.7410

■ 154.2280,
-70.6114, -125.6110

■ 149.6850,
-73.7947, -131.2737

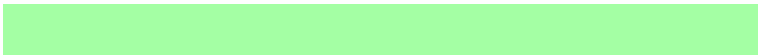
Harmonies

Analogous

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



225.5190, -47.5839, 2.1758



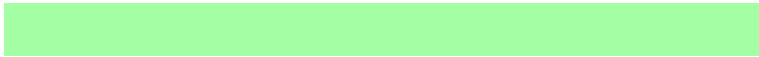
217.4170, -26.3346, -46.8467



196.7340, 9.4981, -106.7607

Triad

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



217.4170, -26.3346, -46.8467



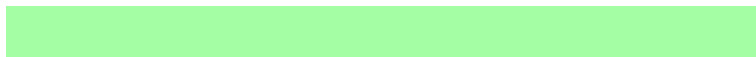
205.4870, 24.4099, -82.8651



211.2930, -7.5394, 38.3310

Complementary

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



217.4170, -26.3346, -46.8467



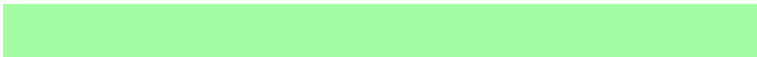
201.5830, 26.3346, 46.8467

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.



216.9760, 16.7738, 33.3470



217.4170, -26.3346, -46.8467



225.7290, 14.4306, -8.5323

Square

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



217.4170, -26.3346, -46.8467



178.7550, 37.5888, -156.7681



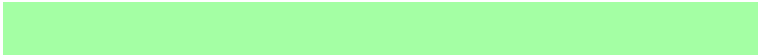
225.6500, 14.4696, 25.7400



214.2670, -31.6836, 35.7228

Rectangle

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



217.4170, -26.3346, -46.8467



178.6410, 37.1520, -156.6682



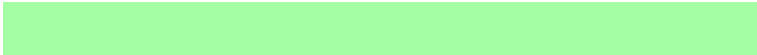
225.6500, 14.4696, 25.7400



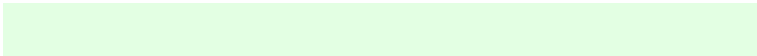
211.5840, 1.1911, 38.0758

Sweetspot

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



217.4170, -26.3346, -46.8467



243.4360, -8.1029, -14.4144



244.6260, -39.7486, 9.0980



120.9790, -4.9196, -8.7516



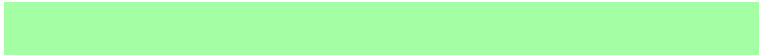
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

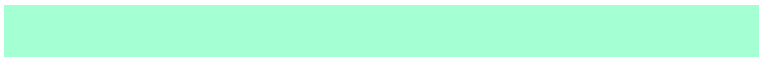
The Same Dimension uses a secret algorithm to generate beautiful new colors.



217.4170, -26.3346, -46.8467



209.5700, -31.8330, -56.6279



222.6610, -6.2419, -51.4457



122.6310, -3.7621, -6.6924



112.1170, -55.2737, -98.3266



37.5680, -18.5210, -32.9471

Inverse Universe

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



201.5830, 26.3346, 46.8467



190.4300, 31.8330, 56.6279



196.4530, 6.6787, 51.3457



120.3690, 3.7621, 6.6924



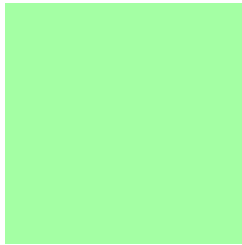
78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Previews

White Background



This preview shows how the YUV color 217.4170, -26.3346, -46.8467 looks on a white background.

Color Contrast Check

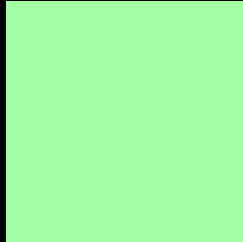
Large Text (above 18pt) WCAG AA × Fail

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 217.4170, -26.3346, -46.8467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

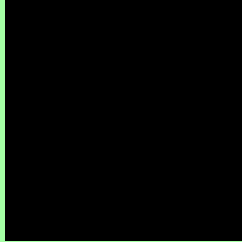
Any Text WCAG AA ✓ Pass

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 217.4170, -26.3346, -46.8467 Background



This preview shows how black text looks on a background with the YUV color 217.4170, -26.3346, -46.8467.



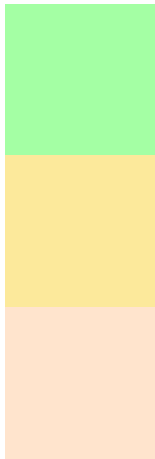
This preview shows how white text looks on a background with the YUV color 217.4170, -26.3346, -46.8467.

-46.8467.

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

217.4170, -26.3346, -46.8467

Protanopia

229.7890, -36.8710, 19.4790

Deuteranopia

233.4510, -14.0263, 18.8985



Tritanopia

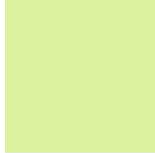
228.8530, 12.8905, -27.9351

Trichromacy



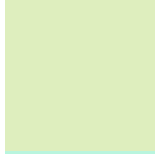
Original Color

217.4170, -26.3346, -46.8467



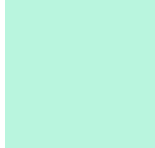
Protanomaly

225.2590, -33.1587, -4.6121



Deuteranomaly

227.7440, -18.6078, -5.0375



Tritanomaly

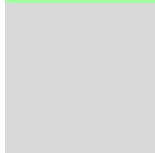
224.4380, -1.2019, -34.5871

Monochromacy



Original Color

217.4170, -26.3346, -46.8467



Achromatopsia

217.0000, 0.0000, 0.0000



Achromatomaly

217.3710, -9.5499, -16.9884

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.4170, -26.3346, -46.8467 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(164, 255, 164)` looks like.

```
.text, #text, p{  
    color:rgb(164, 255, 164)  
}
```

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(164, 255, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 255, 164) }
```

Border

The CSS property to change the border of an element to YUV 217.4170, -26.3346, -46.8467 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(164, 255, 164) }
```


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

```
.border{ border-color:rgb(164, 255, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 255, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 255, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 255, 164);  
box-shadow:4px 4px 4px 4px rgb(164, 255,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 217.4170, -26.3346, -46.8467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 255, 164) }
```

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

```
.background{ background-color: rgb(164,  
255, 164) }
```

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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