

Converting Colors

YUV(217.0430, -45.8702,
-34.2407)

Have a look what the booklet for
YUV(217.0430, -45.8702, -34.2407)
contains.

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Color

**YUV(217.0430, -45.8702,
-34.2407)**

Conversions

Conversions Part 1

Format	Color
Hex	B2FF7C
RGB	178, 255, 124
RGB Percent	70%, 100%, 49%
CMY	0.3020, 0.0000, 0.5137
CMYK	0.30, 0.00, 0.51, 0.00
HSL	95°, 100%, 74%
HSV	95°, 51%, 100%
XYZ	57.7582, 82.4402, 31.9372
YIQ	217.0430, -3.8410, -57.0650

Conversions

Conversions Part 2

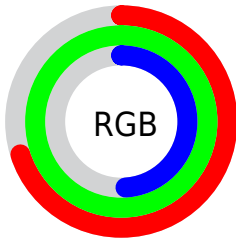
Format	Color
RYB	124, 255, 201
Decimal	11730812
CIELab	92.77, -45.32, 54.65
CIElCh	93, 70.997, 129.671
Yxy	82.4402, 0.3355, 0.4789
Android (android.graphics.Color)	4289920892 (0xFFB2FF7C)
YUV	217.0430, -45.8702, -34.2407
Hunter-Lab	90.7966, -45.3453, 42.7027

Details

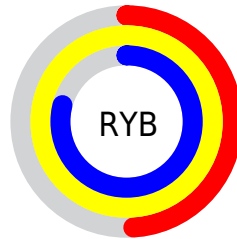
The YUV color **217.0430, -45.8702, -34.2407** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **161.9570, 45.8702, 34.2407**, and the grayscale version is **217.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.6550, -30.3959, -4.0824**, and **160.3850, -44.5598, -34.5406** is the 20% darker color. If you saturate the color by 10%, you get **209.7080, -54.5790, -40.9629**, and if you desaturate by 10%, it is **224.4920, -36.7246, -27.6185**.

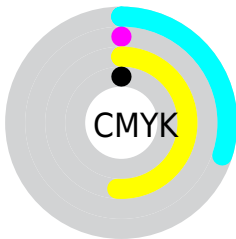
Distribution



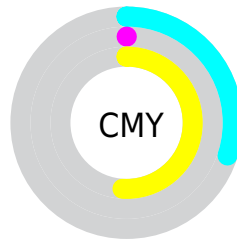
- Red (70%)
- Green (100%)
- Blue (49%)



- Red (49%)
- Yellow (100%)
- Blue (79%)



- Cyan (30%)
- Magenta (0%)
- Yellow (51%)
- Black (0%)



- Cyan (30%)
- Magenta (0%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.0430, -45.8702, -34.2407 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 217.0430, -45.8702, -34.2407 by changing the saturation by 10% instead.

■ 217.0430,
-45.8702, -34.2407

■ 217.0430,
-45.8702, -34.2407

■ 255.0000, 0.0000,
0.0000

■ 188.2710,
-44.9966, -34.4407

■ 240.6550,
-30.3959, -4.0824

■ 160.3850,
-44.5598, -34.5406

■ 249.6420,
-20.5295, 4.6990

■ 132.4990,
-44.1230, -34.6406

■ 252.8340, -8.2992,
1.8996

■ 104.0600,
-48.3436, -34.2556

■ 78.5460, -38.7232,
-39.9438

■ 54.0040, -26.6240,
-47.3615

■ 39.3290, -19.3892,

-34.4915

■ 26.4150, -13.0226,
-23.1660

■ 9.9790, -4.9196,
-8.7516

■ 217.0430,
-45.8702, -34.2407

■ 217.0430,
-45.8702, -34.2407

■ 209.7080,
-54.5790, -40.9629

■ 224.4920,
-36.7246, -27.6185

■ 202.2590,
-63.7247, -47.5851

■ 231.8270,
-28.0157, -20.8963

■ 194.9240,
-72.4335, -54.3073

■ 239.2760,
-18.8701, -14.2741

■ 187.4750,
-81.5792, -60.9296

■ 246.6110,
-10.1612, -7.5518

■ 181.0800,
-89.2724, -66.7222

■ 254.0600, -1.0156,
-0.9296

■ 255.0000, 0.0000,
0.0000

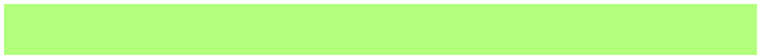
Harmonies

Analogous

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



225.5420, -65.8362, 23.2037



217.0430, -45.8702, -34.2407



188.3020, -2.1209, -113.3979

Triad

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



217.0430, -45.8702, -34.2407



178.1680, 37.8782, -156.2533



202.8930, 5.9688, 45.6978

Complementary

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



217.0430, -45.8702, -34.2407



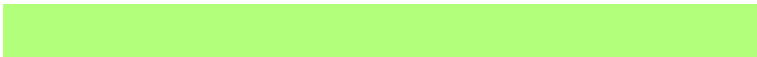
161.9570, 45.8702, 34.2407

Split Complementary

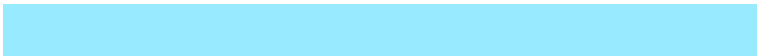
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



212.1490, 21.1255, 37.5803



217.0430, -45.8702, -34.2407



211.8760, 21.2601, -52.5113

Square

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



217.0430, -45.8702, -34.2407



178.7550, 37.5888, -156.7681



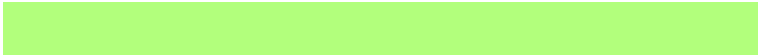
226.8240, 13.8908, 24.7104



203.7010, -26.4746, 44.9892

Rectangle

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



217.0430, -45.8702, -34.2407



176.0190, 27.1056, -154.3687



226.8240, 13.8908, 24.7104



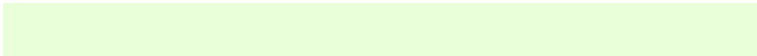
205.5150, 16.0151, 43.3983

Sweetspot

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



217.0430, -45.8702, -34.2407



244.0900, -13.3554, -9.7259



207.7810, -41.3040, 41.4111



121.1920, -7.9827, -6.3074



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.



217.0430, -45.8702, -34.2407



209.1810, -55.3052, -41.3777



202.1510, -33.1054, -68.5384



124.1260, -4.4991, -3.6185



135.7380, -66.9188, -49.7592



45.3420, -22.3536, -16.9629

Inverse Universe

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



161.9570, 45.8702, 34.2407



142.8190, 55.3052, 41.3777



176.8490, 33.1054, 68.5384



118.5750, 4.6465, 3.0037



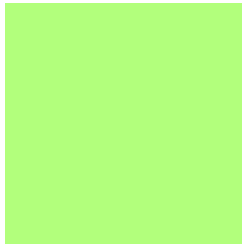
55.2620, 66.9188, 49.7592



18.3590, 22.5010, 16.3482

Previews

White Background



This preview shows how the YUV color 217.0430, -45.8702, -34.2407 looks on a white background.

Color Contrast Check

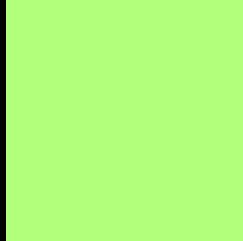
Large Text (above 18pt) WCAG AA × Fail

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 217.0430, -45.8702, -34.2407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

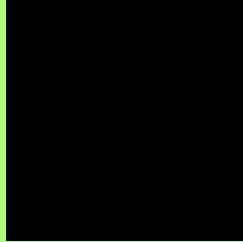
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

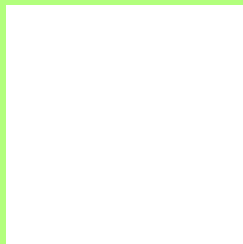
Any Text WCAG AAA ✓ Pass

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

YUV 217.0430, -45.8702, -34.2407 Background



This preview shows how black text looks on a background with the YUV color 217.0430, -45.8702, -34.2407.



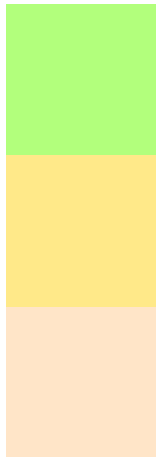
This preview shows how white text looks on a background with the YUV color 217.0430, -45.8702, -34.2407.

-34.2407.

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

217.0430, -45.8702, -34.2407

Protanopia

228.6340, -45.1756, 23.1230

Deuteranopia

233.4680, -16.4997, 18.8836



Tritanopia

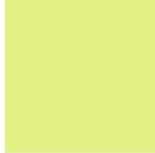
230.6580, 12.0006, -22.5021

Trichromacy



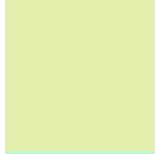
Original Color

217.0430, -45.8702, -34.2407



Protanomaly

224.3880, -45.5473, 2.2907



Deuteranomaly

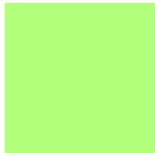
227.1870, -27.2072, -0.1640



Tritanomaly

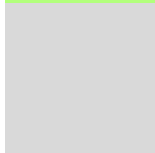
225.7180, -9.2280, -26.9397

Monochromacy



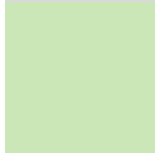
Original Color

217.0430, -45.8702, -34.2407



Achromatopsia

217.0000, 0.0000, 0.0000



Achromatomaly

217.1560, -16.8389, -12.4148

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.0430, -45.8702, -34.2407 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(178, 255, 124)` looks like.

```
.text, #text, p{  
    color:rgb(178, 255, 124)  
}
```

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(178, 255, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 255, 124) }
```

Border

The CSS property to change the border of an element to YUV 217.0430, -45.8702, -34.2407 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(178, 255, 124) }
```


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

```
.border{ border-color:rgb(178, 255, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 255, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 255, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 255, 124);  
box-shadow:4px 4px 4px 4px rgb(178, 255,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 217.0430, -45.8702, -34.2407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 255, 124) }
```

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

```
.background{ background-color: rgb(178,  
255, 124) }
```

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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