

Converting Colors

YUV(206.0480, -43.4077,
-30.7371)

Have a look what the booklet for
YUV(206.0480, -43.4077, -30.7371)
contains.

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Color

**YUV(206.0480, -43.4077,
-30.7371)**

Conversions

Conversions Part 1

Format	Color
Hex	ABF176
RGB	171, 241, 118
RGB Percent	67%, 95%, 46%
CMY	0.3294, 0.0549, 0.5373
CMYK	0.29, 0.00, 0.51, 0.05
HSL	94°, 81%, 70%
HSV	94°, 51%, 95%
XYZ	51.5199, 72.8765, 28.4907
YIQ	206.0480, -2.2370, -53.0930

Conversions

Conversions Part 2

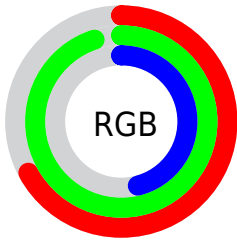
Format	Color
RYB	118, 241, 188
Decimal	11268470
CIELab	88.39, -42.28, 52.06
CIELCh	88, 67.062, 129.079
Yxy	72.8765, 0.3370, 0.4767
Android (android.graphics.Color)	4289458550 (0xFFABF176)
YUV	206.0480, -43.4077, -30.7371
Hunter-Lab	85.3677, -41.6678, 39.9699

Details

The YUV color **206.0480, -43.4077, -30.7371** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **152.9520, 43.4077, 30.7371**, and the grayscale version is **206.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.8780, -31.9849, -7.7860**, and **149.8030, -41.8079, -30.5222** is the 20% darker color. If you saturate the color by 10%, you get **199.1260, -51.8271, -36.9445**, and if you desaturate by 10%, it is **212.9700, -34.9882, -24.5297**.

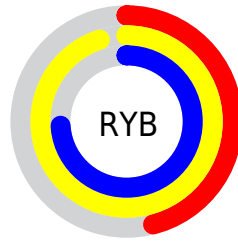
Distribution



Red (67%)

Green (95%)

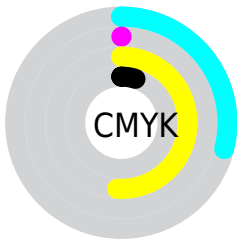
Blue (46%)



Red (46%)

Yellow (95%)

Blue (74%)

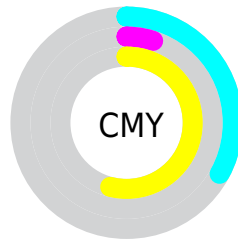


Cyan (29%)

Magenta (0%)

Yellow (51%)

Black (5%)



Cyan (33%)

Magenta (5%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.0480, -43.4077, -30.7371 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 206.0480, -43.4077, -30.7371 by changing the saturation by 10% instead.

■ 206.0480,
-43.4077, -30.7371

■ 206.0480,
-43.4077, -30.7371

255.0000, 0.0000,
0.0000

■ 177.5750,
-42.6815, -30.3223

■ 237.8780,
-31.9849, -7.7860

■ 149.8030,
-41.8079, -30.5222

■ 248.8440,
-23.5871, 5.3988

■ 122.5040,
-41.6605, -31.1370

■ 252.0360,
-11.3567, 2.5994

■ 94.5380, -46.6072,
-31.1668

■ 70.0070, -34.5135,
-36.8401

■ 46.9600, -23.1513,
-41.1839

■ 32.8720, -16.2059,

-28.8287

■ 21.1320, -10.4181,
-18.5328

■ 0.0000, 0.0000,
0.0000

■ 206.0480,
-43.4077, -30.7371

■ 206.0480,
-43.4077, -30.7371

■ 199.1260,
-51.8271, -36.9445

■ 212.9700,
-34.9882, -24.5297

■ 192.5030,
-60.3940, -42.5371

■ 219.5930,
-26.4213, -18.9371

■ 185.5810,
-68.8134, -48.7445

■ 226.5150,
-18.0019, -12.7297

■ 178.6590,
-77.2329, -54.9519

■ 233.4370, -9.5824,
-6.5222

■ 172.5630,
-85.0736, -60.1298

■ 240.3590, -1.1630,
-0.3148

■ 246.1840, 4.3463,
5.9776

■ 246.7820, 4.0515,
7.2072

Harmonies

Analogous

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



213.9810, -61.6156, 22.8187



206.0480, -43.4077, -30.7371



186.6080, -6.2157, -106.6502

Triad

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



206.0480, -43.4077, -30.7371



170.5370, 41.6403, -149.5609



197.0570, 3.9159, 50.8160

Complementary

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



206.0480, -43.4077, -30.7371



152.9520, 43.4077, 30.7371

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.



207.4530, 23.4407, 41.6987



206.0480, -43.4077, -30.7371



202.1410, 26.0595, -51.8667

Square

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



206.0480, -43.4077, -30.7371



176.4070, 38.7463, -154.7089



220.0570, 17.2269, 28.0140



197.7340, -26.4909, 50.2223

Rectangle

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



206.0480, -43.4077, -30.7371



173.3630, 22.0060, -152.0394



220.0570, 17.2269, 28.0140



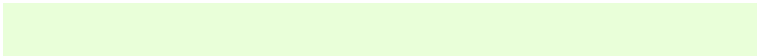
199.4510, 13.0887, 48.7165

Sweetspot

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



206.0480, -43.4077, -30.7371



244.0900, -13.3554, -9.7259



195.8670, -38.3884, 39.5816



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.



206.0480, -43.4077, -30.7371



210.6050, -55.0213, -39.1186



191.1130, -32.1007, -64.1201



116.5390, -4.2097, -3.1037



131.6290, -64.8931, -46.1556



40.0480, -19.7437, -14.0741

Inverse Universe

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



152.9520, 43.4077, 30.7371



143.3950, 55.0213, 39.1186



167.8870, 32.1007, 64.1201



111.4610, 4.2097, 3.1037



52.0720, 65.0405, 45.5409



15.9520, 19.7437, 14.0741

Previews

White Background



This preview shows how the YUV color 206.0480, -43.4077, -30.7371 looks on a white background.

Color Contrast Check

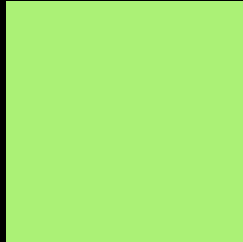
Large Text (above 18pt) WCAG AA × Fail

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 206.0480, -43.4077, -30.7371 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 206.0480, -43.4077, -30.7371 Background



This preview shows how black text looks on a background with the YUV color 206.0480, -43.4077, -30.7371.



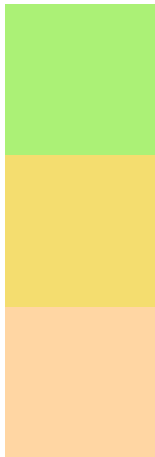
This preview shows how white text looks on a background with the YUV color 206.0480, -43.4077, -30.7371.

-30.7371.

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

206.0480, -43.4077, -30.7371

Protanopia

215.3370, -51.4381, 25.1375

Deuteranopia

220.4450, -28.3204, 30.3047



Tritanopia

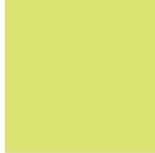
217.9890, 13.3164, -24.5464

Trichromacy



Original Color

206.0480, -43.4077, -30.7371



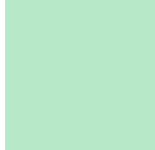
Protanomaly

211.7150, -48.1735, 4.6349



Deuteranomaly

215.2220, -33.6334, 7.6983



Tritanomaly

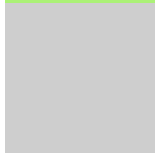
213.5870, -7.1914, -26.8248

Monochromacy



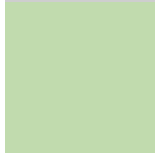
Original Color

206.0480, -43.4077, -30.7371



Achromatopsia

206.0000, 0.0000, 0.0000



Achromatomaly

206.0960, -15.8233, -11.4852

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.0480, -43.4077, -30.7371 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(171, 241, 118)` looks like.

```
.text, #text, p{  
    color:rgb(171, 241, 118)  
}
```

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(171, 241, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 241, 118) }
```

Border

The CSS property to change the border of an element to YUV 206.0480, -43.4077, -30.7371 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(171, 241, 118) }
```


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

```
.border{ border-color:rgb(171, 241, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 241, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 241, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 241, 118);  
box-shadow:4px 4px 4px 4px rgb(171, 241,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 206.0480, -43.4077, -30.7371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 241, 118) }
```

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

```
.background{ background-color: rgb(171,  
241, 118) }
```

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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