

Converting Colors

YUV(216.1240, -41.9661,
-26.4187)

Have a look what the booklet for
YUV(216.1240, -41.9661, -26.4187)
contains.

YUV(216.1240, -41.9661, -26.4187)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(216.1240, -41.9661,
-26.4187)**

Conversions

Conversions Part 1

Format	Color
Hex	BAF883
RGB	186, 248, 131
RGB Percent	73%, 97%, 51%
CMY	0.2706, 0.0275, 0.4863
CMYK	0.25, 0.00, 0.47, 0.03
HSL	92°, 89%, 74%
HSV	92°, 47%, 97%
XYZ	57.9138, 79.2126, 33.7099
YIQ	216.1240, 0.6050, -49.5310

Conversions

Conversions Part 2

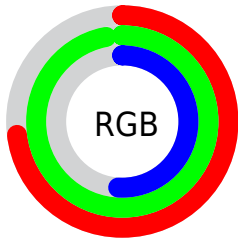
Format	Color
RYB	131, 248, 193
Decimal	12253315
CIELab	91.33, -38.74, 49.75
CIELCh	91, 63.058, 127.908
Yxy	79.2126, 0.3390, 0.4637
Android (android.graphics.Color)	4290443395 (0xFFBAF883)
YUV	216.1240, -41.9661, -26.4187
Hunter-Lab	89.0015, -39.6014, 39.8445

Details

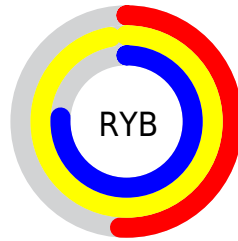
The YUV color **216.1240, -41.9661, -26.4187** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **162.8760, 41.9661, 26.4187**, and the grayscale version is **217.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.8450, -28.5176, 0.1359**, and **159.8790, -40.3663, -26.2039** is the 20% darker color. If you saturate the color by 10%, you get **209.3870, -50.9698, -31.9114**, and if you desaturate by 10%, it is **222.8610, -32.9625, -20.9261**.

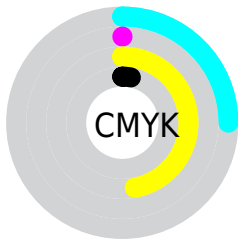
Distribution



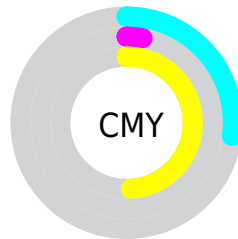
- Red (73%)
- Green (97%)
- Blue (51%)



- Red (51%)
- Yellow (97%)
- Blue (76%)



- Cyan (25%)
- Magenta (0%)
- Yellow (47%)
- Black (3%)



- Cyan (27%)
- Magenta (3%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.1240, -41.9661, -26.4187 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 216.1240, -41.9661, -26.4187 by changing the saturation by 10% instead.

■ 216.1240,
-41.9661, -26.4187

■ 216.1240,
-41.9661, -26.4187

255.0000, 0.0000,
0.0000

■ 187.6510,
-41.2399, -26.0039

■ 243.8450,
-28.5176, 0.1359

■ 159.8790,
-40.3663, -26.2039

■ 250.3260,
-17.9087, 4.0991

■ 132.9930,
-39.9295, -26.3039

■ 253.6320, -5.2416,
1.1997

■ 105.7650,
-40.8031, -26.1039

■ 79.5090, -39.1979,
-27.6334

■ 55.8530, -27.5355,
-34.9511

■ 36.9810, -18.2316,

-32.4323

■ 24.0670, -11.8650,
-21.1068

■ 5.2830, -2.6045,
-4.6332

■ 216.1240,
-41.9661, -26.4187

■ 216.1240,
-41.9661, -26.4187

■ 209.3870,
-50.9698, -31.9114

■ 222.8610,
-32.9625, -20.9261

■ 202.6500,
-59.9734, -37.4041

■ 229.5980,
-23.9588, -15.4334

■ 196.0270,
-68.5403, -42.9967

■ 236.2210,
-15.3920, -9.8408

■ 188.9910,
-77.3966, -49.1041

■ 243.2570, -6.5357,
-3.7334

■ 182.2540,
-86.4002, -54.5968

■ 249.9940, 2.4680,
1.7593

■ 180.5590,
-89.0156, -55.7412

■ 250.8910, 2.0257,
3.6036

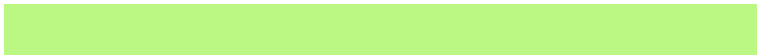
Harmonies

Analogous

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



223.3170, -57.8373, 24.2780



216.1240, -41.9661, -26.4187



200.0340, -8.8908, -88.6068

Triad

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



216.1240, -41.9661, -26.4187



175.2330, 39.3251, -153.6793



205.9420, 4.9586, 43.0239

Complementary

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



216.1240, -41.9661, -26.4187



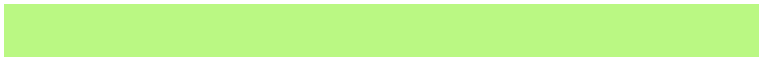
162.8760, 41.9661, 26.4187

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.



215.0840, 19.6786, 35.0063



216.1240, -41.9661, -26.4187



211.3110, 21.5387, -48.5077

Square

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



216.1240, -41.9661, -26.4187



178.7550, 37.5888, -156.7681



227.4110, 13.6014, 24.1956



205.9010, -23.1222, 43.0598

Rectangle

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



216.1240, -41.9661, -26.4187



175.2210, 24.0480, -153.6688



227.4110, 13.6014, 24.1956



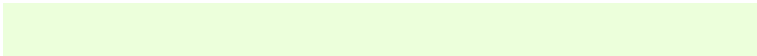
208.3360, 14.1314, 40.9243

Sweetspot

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



216.1240, -41.9661, -26.4187



245.2150, -12.9240, -8.0816



201.2030, -34.6101, 41.0410



121.9040, -7.8407, -5.1778



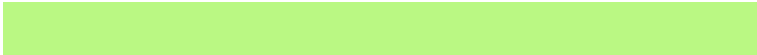
0.0000, 0.0000, 0.0000



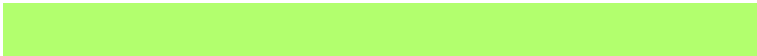
128.0000, 0.0000, 0.0000

Same Dimension

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



216.1240, -41.9661, -26.4187



215.4470, -51.9854, -32.8410



199.9070, -32.9852, -60.4314



121.4250, -4.6465, -3.0037



137.5540, -67.8141, -42.5819



44.4780, -21.9277, -13.5742

Inverse Universe

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



162.8760, 41.9661, 26.4187



149.5530, 51.9854, 32.8410



179.0930, 32.9852, 60.4314



115.5750, 4.6465, 3.0037



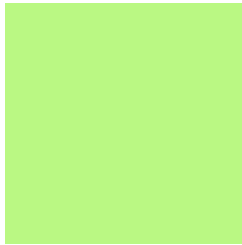
51.4460, 67.8141, 42.5819



16.5220, 21.9277, 13.5742

Previews

White Background



This preview shows how the YUV color 216.1240, -41.9661, -26.4187 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 216.1240, -41.9661, -26.4187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

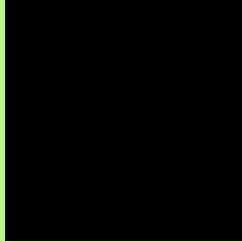
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

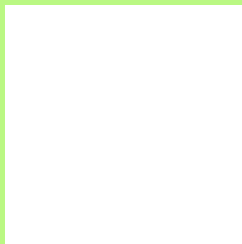
Any Text WCAG AAA ✓ Pass

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

YUV 216.1240, -41.9661, -26.4187 Background



This preview shows how black text looks on a background with the YUV color 216.1240, -41.9661, -26.4187.



This preview shows how white text looks on a background with the YUV color 216.1240, -41.9661, -26.4187.

-26.4187.

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

216.1240, -41.9661, -26.4187

Protanopia

223.9070, -49.2542, 24.6376

Deuteranopia

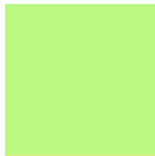
229.5070, -18.9840, 22.3574



Tritanopia

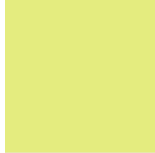
227.1960, 12.7214, -20.3429

Trichromacy



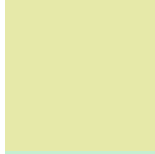
Original Color

216.1240, -41.9661, -26.4187



Protanomaly

221.1820, -46.4317, 5.9794



Deuteranomaly

224.8070, -27.5129, 4.5543



Tritanomaly

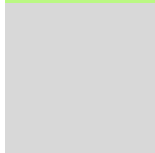
223.0220, -6.9128, -22.8213

Monochromacy



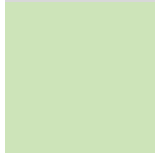
Original Color

216.1240, -41.9661, -26.4187



Achromatopsia

216.0000, 0.0000, 0.0000



Achromatomaly

216.2210, -15.3920, -9.8408

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.1240, -41.9661, -26.4187 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(186, 248, 131)` looks like.

```
.text, #text, p{  
    color:rgb(186, 248, 131)  
}
```

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(186, 248, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 248, 131) }
```

Border

The CSS property to change the border of an element to YUV 216.1240, -41.9661, -26.4187 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(186, 248, 131) }
```


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

```
.border{ border-color:rgb(186, 248, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 248, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 248, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 248, 131);  
box-shadow:4px 4px 4px 4px rgb(186, 248,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 216.1240, -41.9661, -26.4187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 248, 131) }
```

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

```
.background{ background-color: rgb(186,  
248, 131) }
```

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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