

Converting Colors

YUV(216.0490, -24.6742,
-19.3370)

Have a look what the booklet for
YUV(216.0490, -24.6742, -19.3370)
contains.

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Color

**YUV(216.0490, -24.6742,
-19.3370)**

Conversions

Conversions Part 1	
Format	Color
Hex	C2EDA6
RGB	194, 237, 166
RGB Percent	76%, 93%, 65%
CMY	0.2392, 0.0706, 0.3490
CMYK	0.18, 0.00, 0.30, 0.07
HSL	96°, 66%, 79%
HSV	96°, 30%, 93%
XYZ	59.4153, 74.7909, 47.3810
YIQ	216.0490, -2.8370, -31.1970

Conversions

Conversions Part 2

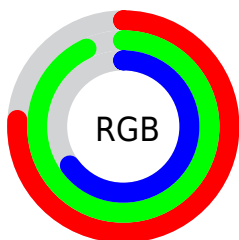
Format	Color
RYB	166, 237, 209
Decimal	12774822
CIELab	89.29, -26.34, 29.99
CIELCh	89, 39.910, 131.294
Yxy	74.7909, 0.3272, 0.4119
Android (android.graphics.Color)	4290964902 (0xFFC2EDA6)
YUV	216.0490, -24.6742, -19.3370
Hunter-Lab	86.4817, -28.7087, 28.0538

Details

The YUV color **216.0490, -24.6742, -19.3370** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **186.9510, 24.6742, 19.3370**, and the grayscale version is **216.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.9280, -14.2615, 0.9401**, and **160.6900, -23.5112, -19.0221** is the 20% darker color. If you saturate the color by 10%, you get **209.1270, -33.0936, -25.5444**, and if you desaturate by 10%, it is **222.9710, -16.2547, -13.1296**.

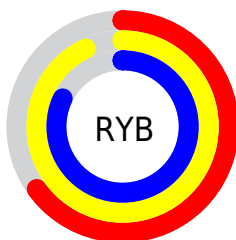
Distribution



Red (76%)

Green (93%)

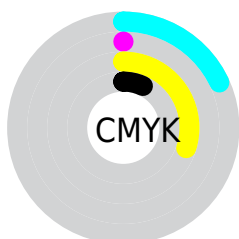
Blue (65%)



Red (65%)

Yellow (93%)

Blue (82%)

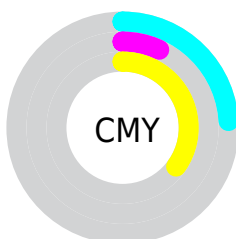


Cyan (18%)

Magenta (0%)

Yellow (30%)

Black (7%)



Cyan (24%)


Magenta (7%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YUV color 216.0490, -24.6742, -19.3370 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 216.0490, -24.6742, -19.3370 by changing the saturation by 10% instead.


 216.0490,
-24.6742, -19.3370

 216.0490,
-24.6742, -19.3370


255.0000, 0.0000,
0.0000


 188.1630,
-24.2374, -19.4370


 249.9280,
-14.2615, 0.9401

 160.6900,
-23.5112, -19.0221

 254.4300, -2.1840,
0.4999

 134.2170,
-22.7850, -18.6073


 108.7440,
-22.0588, -18.1925


 83.9720, -21.1852,
-18.3924


 59.2000, -20.3116,
-18.5924


 36.7700, -18.1276,


-19.0923


 19.9580, -9.8393,
-17.5032


 0.0000, 0.0000,
0.0000


 216.0490,
-24.6742, -19.3370

 216.0490,
-24.6742, -19.3370


 209.1270,
-33.0936, -25.5444


 222.9710,
-16.2547, -13.1296


 202.0200,
-40.9289, -32.4665

 230.0780, -8.4195,
-6.2074

 195.0980,
-49.3483, -38.6739

 237.0000, 0.0000,
0.0000

 188.1760,
-57.7678, -44.8814

 243.2380, 5.7987,
6.8073

■ 180.9550,
-66.0398, -51.7035

■ 244.4340, 5.2090,
9.2664

■ 174.1470,
-74.0225, -58.0109

■ 167.2250,
-82.4419, -64.2183

■ 166.9260,
-82.2945, -64.8331

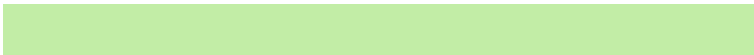
Harmonies

Analogous

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



220.7990, -35.3969, 13.3313



216.0490, -24.6742, -19.3370



209.8780, -5.3629, -53.3900

Triad

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



216.0490, -24.6742, -19.3370



207.9780, 23.1818, -62.2477



215.3510, -2.1450, 34.7722

Complementary

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



216.0490, -24.6742, -19.3370



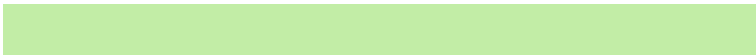
186.9510, 24.6742, 19.3370

Split Complementary

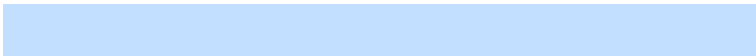
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



221.5580, 14.0219, 29.3286



216.0490, -24.6742, -19.3370



218.2760, 18.1049, -20.4131

Square

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



216.0490, -24.6742, -19.3370



200.4150, 26.9104, -91.5720



225.9050, 14.3438, 19.3773



214.8830, -19.1693, 35.1826

Rectangle

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



216.0490, -24.6742, -19.3370



205.0460, 9.8373, -75.4623



225.9050, 14.3438, 19.3773



216.8330, 3.5333, 33.4725

Sweetspot

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



216.0490, -24.6742, -19.3370



248.1920, -7.9827, -6.3074



212.4700, -22.9097, 21.5128



123.5990, -5.2253, -4.0333



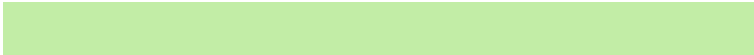
0.0000, 0.0000, 0.0000



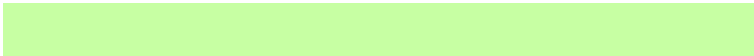
128.0000, 0.0000, 0.0000

Same Dimension

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



216.0490, -24.6742, -19.3370



227.7680, -31.9306, -25.2295



208.4750, -17.4892, -37.2506



113.6530, -3.7729, -3.2037



127.4760, -62.8457, -49.5295



37.9770, -18.7227, -14.8888

Inverse Universe

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



186.9510, 24.6742, 19.3370



190.2320, 31.9306, 25.2295



194.5250, 17.4892, 37.2506



109.3470, 3.7729, 3.2037



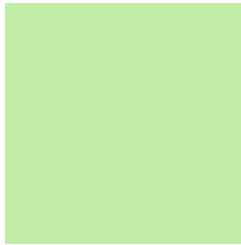
53.5240, 62.8457, 49.5295



15.7240, 18.8701, 14.2741

Previews

White Background



This preview shows how the YUV color 216.0490, -24.6742, -19.3370 looks on a white background.

Color Contrast Check

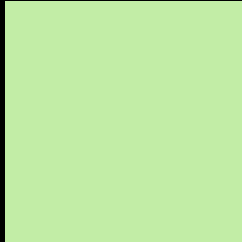
Large Text (above 18pt) WCAG AA × Fail

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 216.0490, -24.6742, -19.3370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

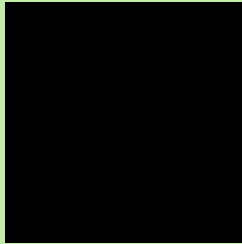
Any Text WCAG AA ✓ Pass

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 216.0490, -24.6742, -19.3370 Background



This preview shows how black text looks on a background with the YUV color 216.0490, -24.6742, -19.3370.

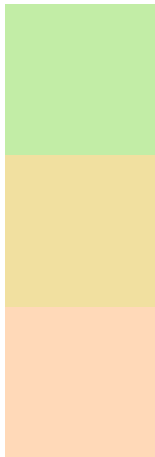


This preview shows how white text looks on a background with the YUV color 216.0490, -24.6742, -19.3370.

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

216.0490, -24.6742, -19.3370

Protanopia

221.7870, -30.4610, 16.8498

Deuteranopia

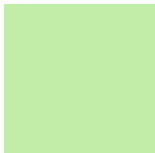
224.6000, -20.0158, 26.6608



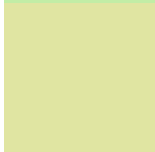
Tritanopia

222.7730, 10.9579, -14.7099

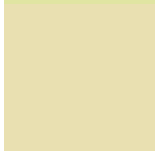
Trichromacy



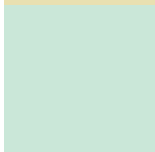
Original Color
216.0490, -24.6742, -19.3370



Protanomaly
219.8670, -28.5284, 3.6246

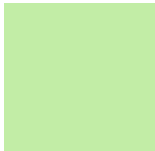


Deuteranomaly
221.3330, -21.8562, 10.2320

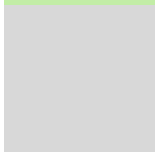


Tritanomaly
220.6190, -2.2772, -16.3289

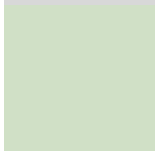
Monochromacy



Original Color
216.0490, -24.6742, -19.3370



Achromatopsia
216.0000, 0.0000, 0.0000



Achromatomaly
216.2520, -8.9982, -7.2370

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.0490, -24.6742, -19.3370 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(194, 237, 166)` looks like.

```
.text, #text, p{  
    color:rgb(194, 237, 166)  
}
```

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(194, 237, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 237, 166) }
```

Border

The CSS property to change the border of an element to YUV 216.0490, -24.6742, -19.3370 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(194, 237, 166) }
```


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

```
.border{ border-color:rgb(194, 237, 166) }
```

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

Here you see how a box with a 4 pixel rgb(194, 237, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 237, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 237, 166);  
box-shadow:4px 4px 4px 4px rgb(194, 237,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 216.0490, -24.6742, -19.3370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 237, 166) }
```

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

```
.background{ background-color: rgb(194,  
237, 166) }
```

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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