

# Converting Colors

YUV(216.8750, -24.0954,  
-18.3074)

Have a look what the booklet for  
YUV(216.8750, -24.0954, -18.3074)  
contains.

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# Color

**YUV(216.8750, -24.0954,  
-18.3074)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4EDA8
RGB	196, 237, 168
RGB Percent	77%, 93%, 66%
CMY	0.2314, 0.0706, 0.3412
CMYK	0.17, 0.00, 0.29, 0.07
HSL	96°, 66%, 79%
HSV	96°, 29%, 93%
XYZ	60.1170, 75.1313, 48.3791
YIQ	216.8750, -2.2870, -30.1510

# Conversions

## Conversions Part 2

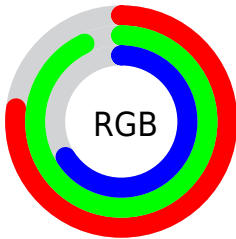
<b>Format</b>	<b>Color</b>
<b>RYB</b>	168, 237, 209
Decimal	12905896
CIELab	89.45, -25.35, 29.20
CIELCh	89, 38.670, 130.958
Yxy	75.1313, 0.3274, 0.4092
Android (android.graphics.Color)	4291095976 (0xFFC4EDA8)
YUV	216.8750, -24.0954, -18.3074
Hunter-Lab	86.6783, -27.8857, 27.5824

# Details

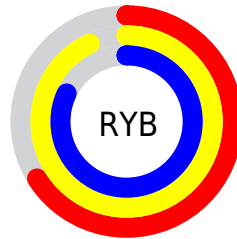
The YUV color  $216.8750, -24.0954, -18.3074$  is a light color, and the websafe version is hex  $CCFFCC$ . A complement of this color would be  $188.1250, 24.0954, 18.3074$ , and the grayscale version is  $217.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $250.8680, -13.2459, 1.8698$ , and  $161.5160, -22.9324, -17.9925$  is the 20% darker color. If you saturate the color by 10%, you get  $209.9530, -32.5148, -24.5148$ , and if you desaturate by 10%, it is  $223.7970, -15.6759, -12.1000$ .

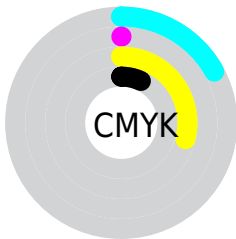
# Distribution



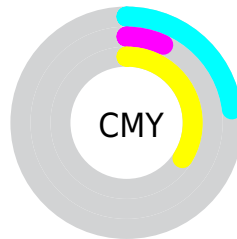
- Red (77%)
- Green (93%)
- Blue (66%)



- Red (66%)
- Yellow (93%)
- Blue (82%)



- Cyan (17%)
- Magenta (0%)
- Yellow (29%)
- Black (7%)



- Cyan (23%)
- Magenta (7%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 216.8750, -24.0954, -18.3074 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 216.8750, -24.0954, -18.3074 by changing the saturation by 10% instead.



■ 216.8750,  
-24.0954, -18.3074

■ 216.8750,  
-24.0954, -18.3074

255.0000, 0.0000,  
0.0000

■ 188.9890,  
-23.6586, -18.4074

■ 250.8680,  
-13.2459, 1.8698

■ 161.5160,  
-22.9324, -17.9925

■ 254.6580, -1.3104,  
0.2999

■ 135.0430,  
-22.2062, -17.5777

■ 109.5700,  
-21.4800, -17.1629

■ 84.7980, -20.6064,  
-17.3628

■ 60.3250, -19.8802,  
-16.9480

■ 37.3680, -18.4224,

-17.8627

■ 19.9580, -9.8393,  
-17.5032

■ 0.0000, 0.0000,  
0.0000

■ 216.8750,  
-24.0954, -18.3074

■ 216.8750,  
-24.0954, -18.3074

■ 209.9530,  
-32.5148, -24.5148

■ 223.7970,  
-15.6759, -12.1000

■ 203.1450,  
-40.4975, -30.8222

■ 230.6050, -7.6933,  
-5.7926

■ 196.2230,  
-48.9169, -37.0296

■ 237.5270, 0.7262,  
0.4148

■ 189.3010,  
-57.3364, -43.2370

■ 243.5370, 5.6513,  
7.4221

■ 182.3790,  
-65.7558, -49.4444

■ 244.4340, 5.2090,  
9.2664

■ 175.5710,  
-73.7385, -55.7518

■ 168.3500,  
-82.0106, -62.5740

■ 167.8230,  
-82.7367, -62.9888

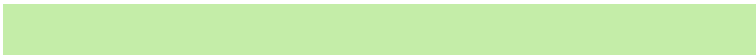
# Harmonies

## Analogous

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



221.4400, -34.2339, 13.6461



216.8750, -24.0954, -18.3074



210.8890, -5.3683, -51.6457

# Triad

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



216.8750, -24.0954, -18.3074



209.1740, 22.5922, -59.7886



216.0520, -1.9976, 34.1574

# Complementary

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



216.8750, -24.0954, -18.3074



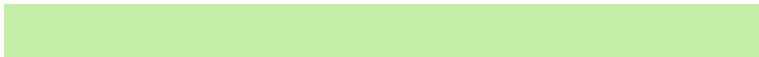
188.1250, 24.0954, 18.3074

# Split Complementary

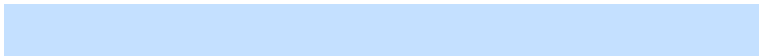
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



222.1450, 13.7325, 28.8138



216.8750, -24.0954, -18.3074



219.1620, 17.6681, -20.3131

# Square

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



216.8750, -24.0954, -18.3074



202.8070, 25.7311, -86.6537



226.7800, 13.9125, 17.7329

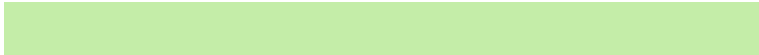


215.6980, -18.5851, 34.4679



# Rectangle

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



216.8750, -24.0954, -18.3074



206.8400, 8.9529, -71.7737



226.7800, 13.9125, 17.7329



217.5340, 3.6807, 32.8577

# Sweetspot

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



216.8750, -24.0954, -18.3074



248.1920, -7.9827, -6.3074



212.1110, -21.7467, 21.8277



123.5990, -5.2253, -4.0333



0.0000, 0.0000, 0.0000

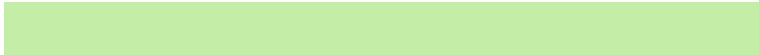


128.0000, 0.0000, 0.0000

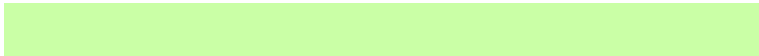


# Same Dimension

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



216.8750, -24.0954, -18.3074



229.0070, -31.0625, -23.6851



209.1870, -17.3472, -36.1210



113.6530, -3.7729, -3.2037



128.0740, -63.1405, -48.2999



38.2760, -18.8701, -14.2741



# Inverse Universe

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



188.1250, 24.0954, 18.3074



191.9930, 31.0625, 23.6851



195.8130, 17.3472, 36.1210



109.3470, 3.7729, 3.2037



52.9260, 63.1405, 48.2999



15.7240, 18.8701, 14.2741



# Previews

## White Background



This preview shows how the YUV color 216.8750, -24.0954, -18.3074 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 216.8750, -24.0954, -18.3074 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

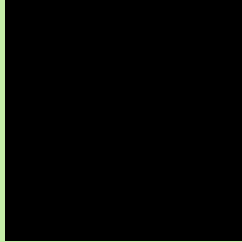
Any Text WCAG AA ✓ Pass

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 216.8750, -24.0954, -18.3074 Background



This preview shows how black text looks on a background with the YUV color 216.8750, -24.0954, -18.3074.



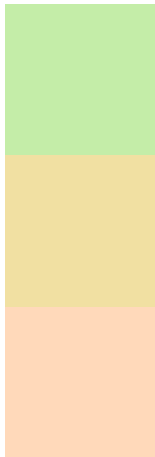
This preview shows how white text looks on a background with the YUV color 216.8750, -24.0954, -18.3074.

-18.3074.

# 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

216.8750, -24.0954, -18.3074

### Protanopia

222.0150, -29.5874, 16.6498

### Deuteranopia

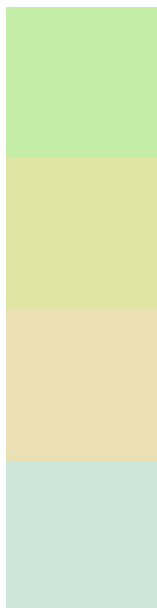
224.8280, -19.1422, 26.4608



## Tritanopia

223.3710, 10.6631, -13.4804

# Trichromacy



## Original Color

216.8750, -24.0954, -18.3074

## Protanomaly

220.3940, -27.8022, 4.0395

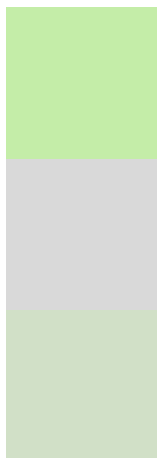
## Deuteranomaly

221.8600, -21.1300, 10.6468

## Tritanomaly

221.3310, -2.1352, -15.1993

# Monochromacy



## Original Color

216.8750, -24.0954, -18.3074

## Achromatopsia

217.0000, 0.0000, 0.0000

## Achromatomaly

216.6650, -8.7088, -6.7222

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 216.8750, -24.0954, -18.3074 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(196, 237, 168)` looks like.

```
.text, #text, p{  
    color:rgb(196, 237, 168)  
}
```

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(196, 237, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 237, 168) }
```

## Border

The CSS property to change the border of an element to YUV 216.8750, -24.0954, -18.3074 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(196, 237, 168) }
```



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

```
.border{ border-color:rgb(196, 237, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 237, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 237, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 237, 168);  
box-shadow:4px 4px 4px 4px rgb(196, 237,  
168) }
```

# Background

The CSS property to change the background color of an element to YUV 216.8750, -24.0954, -18.3074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 237, 168) }
```

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

```
.background{ background-color: rgb(196,  
237, 168) }
```

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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