

# Converting Colors

YUV(217.8220, -23.5762,  
1.9101)

Have a look what the booklet for  
YUV(217.8220, -23.5762, 1.9101)  
contains.

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# Color

**YUV(217.8220, -23.5762,  
1.9101)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCE2AA
RGB	220, 226, 170
RGB Percent	86%, 89%, 67%
CMY	0.1373, 0.1137, 0.3333
CMYK	0.03, 0.00, 0.25, 0.11
HSL	66°, 49%, 78%
HSV	66°, 25%, 89%
XYZ	63.9673, 72.5106, 48.6547
YIQ	217.8220, 14.4000, -18.6880

# Conversions

## Conversions Part 2

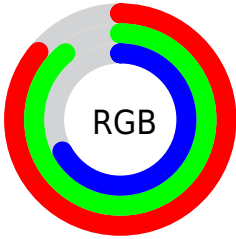
<b>Format</b>	<b>Color</b>
<b>RYB</b>	170, 226, 176
Decimal	14475946
CIELab	88.21, -11.03, 26.78
CIELCh	88, 28.957, 112.384
Yxy	72.5106, 0.3455, 0.3917
Android (android.graphics.Color)	4292666026 (0xFFDCE2AA)
YUV	217.8220, -23.5762, 1.9101
Hunter-Lab	85.1532, -14.9285, 25.7302

# Details

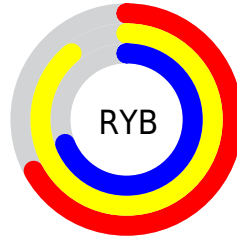
The YUV color  $217.8220, -23.5762, 1.9101$  is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be  $178.1780, 23.5762, -1.9101$ , and the grayscale version is  $218.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $251.6940, -12.6671, 2.8994$ , and  $162.7510, -22.5552, 1.0954$  is the 20% darker color. If you saturate the color by 10%, you get  $214.6020, -33.3278, 2.9800$ , and if you desaturate by 10%, it is  $221.0420, -13.8247, 0.8402$ .

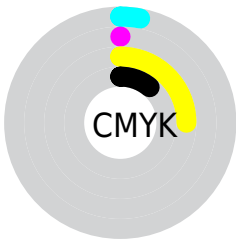
# Distribution



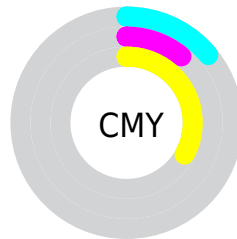
- Red (86%)
- Green (89%)
- Blue (67%)



- Red (67%)
- Yellow (89%)
- Blue (69%)



- Cyan (3%)
- Magenta (0%)
- Yellow (25%)
- Black (11%)



- Cyan (14%)
- Magenta (11%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 217.8220, -23.5762, 1.9101 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 217.8220, -23.5762, 1.9101 by changing the saturation by 10% instead.



■ 217.8220,  
-23.5762, 1.9101

■ 217.8220,  
-23.5762, 1.9101

255.0000, 0.0000,  
0.0000

■ 189.9360,  
-23.1394, 1.8101

■ 251.6940,  
-12.6671, 2.8994

■ 162.7510,  
-22.5552, 1.0954

254.8860, -0.4368,  
0.1000

■ 136.2780,  
-21.8291, 1.5102

■ 111.0930,  
-21.2448, 0.7954

■ 86.3210, -20.3713,  
0.5955

■ 62.5490, -19.4977,  
0.3955

■ 40.1360, -19.7870,

-0.1193

■ 21.2200, -10.4615,  
-4.5779

■ 0.0000, 0.0000,  
0.0000

■ 217.8220,  
-23.5762, 1.9101

■ 217.8220,  
-23.5762, 1.9101

■ 214.6020,  
-33.3278, 2.9800

■ 221.0420,  
-13.8247, 0.8402

■ 211.1970,  
-42.4951, 3.3352

■ 224.4470, -4.6574,  
0.4850

■ 207.9770,  
-52.2467, 4.4052

■ 227.6670, 5.0942,  
-0.5850

■ 204.5720,  
-61.4140, 4.7604

■ 230.5020, 12.0775,  
-0.4403

■ 201.3520,  
-71.1655, 5.8303

■ 231.1000, 11.7827,  
0.7893

■ 197.8330,  
-80.7697, 6.2855

■ 231.9970, 11.3405,  
2.6336

■ 194.7270,  
-90.0844, 7.2554

■ 232.5950, 11.0457,  
3.8632

■ 193.0600,  
-95.1786, 7.8404

■ 233.1930, 10.7509,  
5.0927

■ 234.0900, 10.3086,  
6.9371

# Harmonies

## Analogous

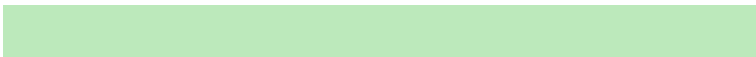
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



220.5690, -26.4095, 24.0570



217.8220, -23.5762, 1.9101



214.3010, -13.4594, -23.0660

# Triad

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



217.8220, -23.5762, 1.9101



210.3920, 21.9917, -53.8408



221.0390, 4.4178, 29.7838

# Complementary

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



217.8220, -23.5762, 1.9101



178.1780, 23.5762, -1.9101

# Split Complementary

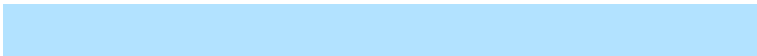
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225.9160, 14.3384, 21.1217



217.8220, -23.5762, 1.9101



214.9540, 19.7427, -32.4087

# Square

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



217.8220, -23.5762, 1.9101



209.0510, 15.7509, -58.8037



221.0330, 16.7457, -4.4139



217.8470, -7.8126, 32.5832



# Rectangle

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



217.8220, -23.5762, 1.9101



212.0200, -3.9539, -38.6055



221.0330, 16.7457, -4.4139



222.6520, 8.0596, 28.3692

# Sweetspot

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



217.8220, -23.5762, 1.9101



252.3500, -7.5675, 0.5701



190.2660, -9.9911, 31.3387



126.1480, -4.5100, -0.1298



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.



217.8220, -23.5762, 1.9101



243.9440, -32.0174, 2.6801



209.4500, -19.4488, -15.3036



110.4470, -4.6574, 0.4850



150.2550, -74.0757, 5.9154



41.0330, -20.2293, 1.7251



# Inverse Universe

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



178.1780, 23.5762, -1.9101



190.0560, 32.0174, -2.6801



186.5500, 19.4488, 15.3036



102.5530, 4.6574, -0.4850



25.7450, 74.0757, -5.9154

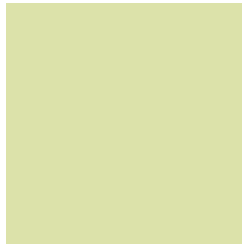


6.9670, 20.2293, -1.7251



# Previews

## White Background



This preview shows how the YUV color 217.8220, -23.5762, 1.9101 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

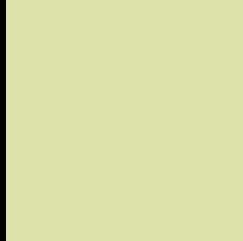
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 217.8220, -23.5762, 1.9101 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

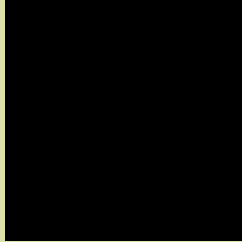
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

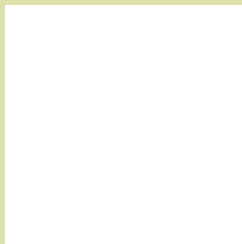
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 217.8220, -23.5762, 1.9101

## Background



This preview shows how black text looks on a background with the YUV color 217.8220, -23.5762, 1.9101.



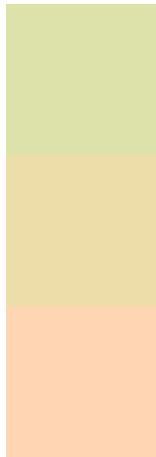
This preview shows how white text looks on a background with the YUV color 217.8220, -23.5762, 1.9101.



# 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

217.8220, -23.5762, 1.9101

### Protanopia

219.7420, -25.5088, 15.1353

### Deuteranopia

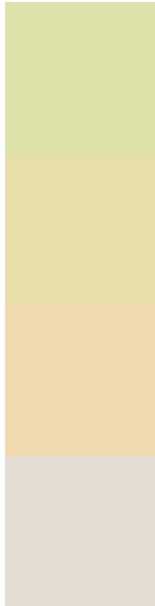
221.6820, -21.0422, 29.2199



## Tritanopia

222.6400, 6.0935, 5.5777

# Trichromacy



## Original Color

217.8220, -23.5762, 1.9101

## Protanomaly

219.2360, -24.7663, 10.3170

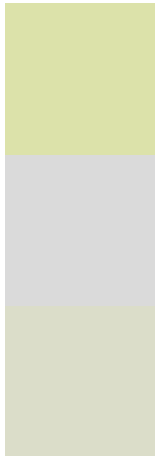
## Deuteranomaly

220.3880, -21.8833, 18.9537

## Tritanomaly

220.7680, -4.8156, 4.5885

# Monochromacy



## Original Color

217.8220, -23.5762, 1.9101

## Achromatopsia

218.0000, 0.0000, 0.0000

## Achromatomaly

218.1220, -8.4411, 0.7700

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 217.8220, -23.5762, 1.9101 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(220, 226, 170)` looks like.

```
.text, #text, p{  
    color:rgb(220, 226, 170)  
}
```

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(220, 226, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 226, 170) }
```

## Border

The CSS property to change the border of an element to YUV 217.8220, -23.5762, 1.9101 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(220, 226, 170) }
```



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

```
.border{ border-color:rgb(220, 226, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 226, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 226, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 226, 170);  
box-shadow:4px 4px 4px 4px rgb(220, 226,  
170) }
```

# Background

The CSS property to change the background color of an element to YUV 217.8220, -23.5762, 1.9101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 226, 170) }
```

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

```
.background{ background-color: rgb(220,  
226, 170) }
```

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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