

Converting Colors

YUV(213.0930, -4.4828, -8.8516)

Have a look what the booklet for
YUV(213.0930, -4.4828, -8.8516)
contains.

YUV(213.0930, -4.4828, -8.8516)	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(213.0930, -4.4828,
-8.8516)**

Conversions

Conversions Part 1

Format	Color
Hex	CBDCCC
RGB	203, 220, 204
RGB Percent	80%, 86%, 80%
CMY	0.2039, 0.1373, 0.2000
CMYK	0.08, 0.00, 0.07, 0.14
HSL	124°, 20%, 83%
HSV	124°, 8%, 86%
XYZ	61.1209, 68.2425, 67.0775
YIQ	213.0930, -4.9960, -8.5800

Conversions

Conversions Part 2

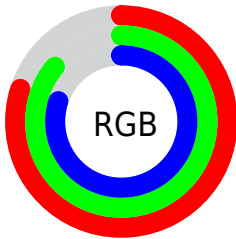
Format	Color
R _Y B	203, 219, 220
Decimal	13360332
CIE Lab	86.13, -8.63, 5.90
CIE LCh	86, 10.459, 145.629
Yxy	68.2425, 0.3111, 0.3474
Android (android.graphics.Color)	4291550412 (0xFFC ^B DCCC)
YUV	213.0930, -4.4828, -8.8516
Hunter-Lab	82.6090, -12.4970, 9.6836

Details

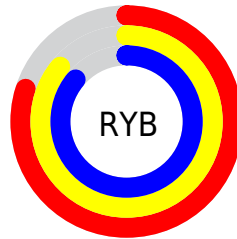
The YUV color **213.0930, -4.4828, -8.8516** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **209.9070, 4.4828, 8.8516**, and the grayscale version is **213.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **158.5060, -4.1935, -8.3368** is the 20% darker color. If you saturate the color by 10%, you get **204.1210, -10.4127, -20.2771**, and if you desaturate by 10%, it is **222.0650, 1.4470, 2.5740**.

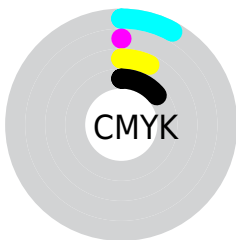
Distribution



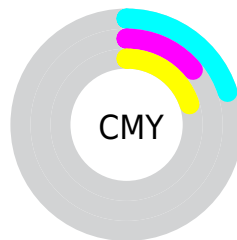
- Red (80%)
- Green (86%)
- Blue (80%)



- Red (80%)
- Yellow (86%)
- Blue (86%)



- Cyan (8%)
- Magenta (0%)
- Yellow (7%)
- Black (14%)



- Cyan (20%)
- Magenta (14%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.0930, -4.4828, -8.8516 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 213.0930, -4.4828, -8.8516 by changing the saturation by 10% instead.

■ 213.0930, -4.4828,
-8.8516

■ 213.0930, -4.4828,
-8.8516

255.0000, 0.0000,
0.0000

■ 185.5060, -4.1935,
-8.3368

■ 158.5060, -4.1935,
-8.3368

■ 132.5060, -4.1935,
-8.3368

■ 106.9190, -3.9041,
-7.8220

■ 82.9190, -3.9041,
-7.8220

■ 59.4460, -3.1779,
-7.4071

■ 37.7450, -3.3253,

-6.7924

■ 16.5060, -4.1935,
-8.3368

■ 0.0000, 0.0000,
0.0000

■ 213.0930, -4.4828,
-8.8516

■ 213.0930, -4.4828,
-8.8516

■ 204.1210,
-10.4127, -20.2771

■ 222.0650, 1.4470,
2.5740

■ 195.2630,
-15.9057, -31.8027

■ 230.9230, 6.9400,
14.0995

■ 186.2910,
-21.8355, -43.2282

■ 234.4550, 10.1287,
18.0180

■ 177.3190,
-27.7653, -54.6538

■ 168.3470,
-33.6951, -66.0793

■ 159.4890,
-39.1881, -77.6049

■ 150.5170,
-45.1179, -89.0304

■ 141.5450,
-51.0477, -100.4560

■ 132.6870,
-56.5407, -111.9815

Harmonies

Analogous

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



213.9370, -7.8569, 0.0553



213.0930, -4.4828, -8.8516



212.1290, 0.9224, -15.8991

Triad

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



213.0930, -4.4828, -8.8516



215.1650, 9.7787, -9.7917



217.1440, -5.0010, 17.4137

Complementary

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



213.0930, -4.4828, -8.8516



209.9070, 4.4828, 8.8516

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.



217.6860, -0.3382, 15.1844



213.0930, -4.4828, -8.8516



216.1770, 8.2937, -0.1552

Square

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



213.0930, -4.4828, -8.8516



213.4800, 8.6374, -17.0840



217.6080, 4.6303, 8.2368



216.5090, -8.6319, 15.3396

Rectangle

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



213.0930, -4.4828, -8.8516



211.9160, 3.9854, -18.3433



217.6080, 4.6303, 8.2368



217.4860, -3.6906, 17.1138

Sweetspot

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



213.0930, -4.4828, -8.8516



252.9350, -1.4470, -2.5740



217.7630, -7.2782, 1.0848



126.7610, -0.8682, -1.5444



0.0000, 0.0000, 0.0000



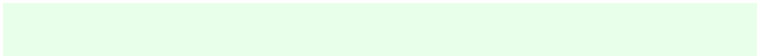
128.0000, 0.0000, 0.0000

Same Dimension

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



213.0930, -4.4828, -8.8516



245.6150, -6.2192, -11.9404



214.0050, -0.9885, -9.6514



105.4570, -3.1833, -5.6628



102.6910, -45.6967, -90.0600



27.3440, -12.0016, -23.9807

Inverse Universe

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



209.9070, 4.4828, 8.8516



241.3850, 6.2192, 11.9404



208.9950, 0.9885, 9.6514



103.4290, 2.7465, 5.7628



70.3090, 45.6967, 90.0600



18.6560, 12.0016, 23.9807

Previews

White Background



This preview shows how the YUV color 213.0930, -4.4828, -8.8516 looks on a white background.

Color Contrast Check

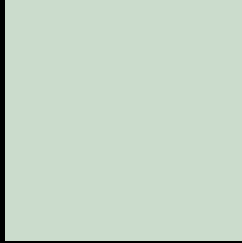
Large Text (above 18pt) WCAG AA × Fail

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 213.0930, -4.4828, -8.8516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

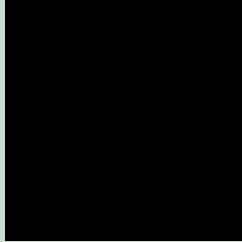
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

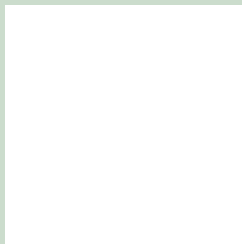
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 213.0930, -4.4828, -8.8516

Background



This preview shows how black text looks on a background with the YUV color 213.0930, -4.4828, -8.8516.



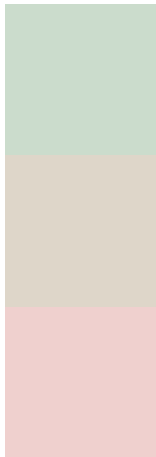
This preview shows how white text looks on a background with the YUV color 213.0930, -4.4828, -8.8516.

-8.8516.

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
213.0930, -4.4828, -8.8516
Protanopia
214.9100, -6.8576, 6.2179
Deuteranopia
217.0410, -5.4432, 19.2580



Tritanopia

215.5460, 8.6048, -6.6178

Trichromacy



Original Color

213.0930, -4.4828, -8.8516

Protanomaly

214.1050, -5.9678, 0.7849

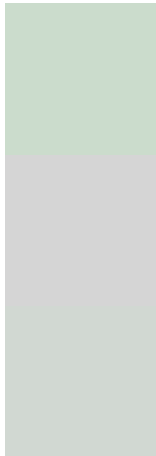
Deuteranomaly

215.3880, -5.1213, 9.3067

Tritanomaly

214.2810, 3.8055, -7.2624

Monochromacy



Original Color

213.0930, -4.4828, -8.8516

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

213.2230, -1.5889, -3.7036

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.0930, -4.4828, -8.8516 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(203, 220, 204)` looks like.

```
.text, #text, p{  
    color:rgb(203, 220, 204)  
}
```

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(203, 220, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 220, 204) }
```

Border

The CSS property to change the border of an element to YUV 213.0930, -4.4828, -8.8516 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(203, 220, 204) }
```


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

```
.border{ border-color:rgb(203, 220, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 220, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 220, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 220, 204);  
box-shadow:4px 4px 4px 4px rgb(203, 220,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 213.0930, -4.4828, -8.8516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 220, 204) }
```

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

```
.background{ background-color: rgb(203,  
220, 204) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor