

# Converting Colors

YUV(212.0250, -11.3513,  
0.8551)

Have a look what the booklet for  
YUV(212.0250, -11.3513, 0.8551)  
contains.

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# Color

**YUV(212.0250, -11.3513,  
0.8551)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D5D8BD
RGB	213, 216, 189
RGB Percent	84%, 85%, 74%
CMY	0.1647, 0.1529, 0.2588
CMYK	0.01, 0.00, 0.12, 0.15
HSL	67°, 26%, 79%
HSV	67°, 12%, 85%
XYZ	61.1817, 66.9320, 57.8387
YIQ	212.0250, 6.8790, -9.0330

# Conversions

## Conversions Part 2

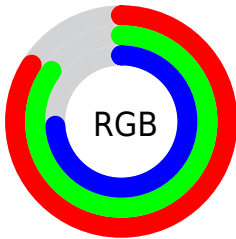
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	189, 216, 192
Decimal	14014653
CIE Lab	85.47, -5.65, 12.97
CIE LCh	85, 14.150, 113.548
Yxy	66.9320, 0.3290, 0.3599
Android (android.graphics.Color)	4292204733 (0xFFD5D8BD)
YUV	212.0250, -11.3513, 0.8551
Hunter-Lab	81.8120, -9.6826, 15.3521

# Details

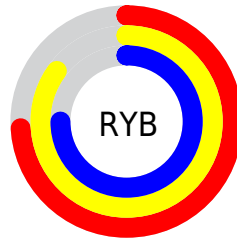
The YUV color  $212.0250, -11.3513, 0.8551$  is a light color, and the websafe version is hex  $CCCC99$ . A complement of this color would be  $192.9750, 11.3513, -0.8551$ , and the grayscale version is  $212.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $253.8600, -4.3680, 0.9998$ , and  $157.2530, -10.4777, 0.6551$  is the 20% darker color. If you saturate the color by 10%, you get  $208.9190, -20.6661, 1.8250$ , and if you desaturate by 10%, it is  $215.1310, -2.0366, -0.1149$ .

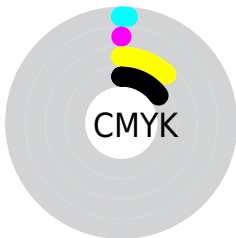
# Distribution



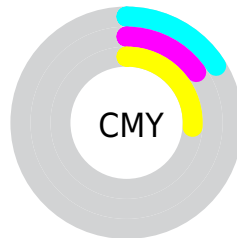
- Red (84%)
- Green (85%)
- Blue (74%)



- Red (74%)
- Yellow (85%)
- Blue (75%)



- Cyan (1%)
- Magenta (0%)
- Yellow (12%)
- Black (15%)



- Cyan (16%)
- Magenta (15%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 212.0250, -11.3513, 0.8551 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 212.0250, -11.3513, 0.8551 by changing the saturation by 10% instead.



■ 212.0250,  
-11.3513, 0.8551

■ 212.0250,  
-11.3513, 0.8551

255.0000, 0.0000,  
0.0000

■ 184.1390,  
-10.9145, 0.7551

■ 253.8600, -4.3680,  
0.9998

■ 157.2530,  
-10.4777, 0.6551

■ 131.2530,  
-10.4777, 0.6551

■ 106.3670,  
-10.0409, 0.5551

■ 81.5950, -9.1673,  
0.3552

■ 58.7090, -8.7305,  
0.2552

■ 36.8230, -8.2937,

0.1552

■ 16.2250, -7.9989,  
-1.0743

■ 0.0000, 0.0000,  
0.0000

■ 212.0250,  
-11.3513, 0.8551

■ 212.0250,  
-11.3513, 0.8551

■ 208.9190,  
-20.6661, 1.8250

■ 215.1310, -2.0366,  
-0.1149

■ 205.6280,  
-29.3966, 2.0802

■ 218.4220, 6.6940,  
-0.3701

■ 202.5220,  
-38.7113, 3.0502

■ 221.5280, 16.0087,  
-1.3401

■ 199.2310,  
-47.4419, 3.3054

■ 222.5390, 16.0033,  
0.4043

■ 196.1250,  
-56.7566, 4.2754

■ 223.1370, 15.7085,  
1.6339

■ 193.0190,  
-66.0714, 5.2453

■ 223.7350, 15.4136,  
2.8634

■ 189.7280,  
-74.8019, 5.5005

■ 224.6320, 14.9714,  
4.7077

■ 186.6220,  
-84.1166, 6.4705

■ 225.2300, 14.6766,  
5.9373

■ 184.2000,  
-90.8106, 6.8406

■ 226.1270, 14.2344,  
7.7816

# Harmonies

## Analogous

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



213.9340, -13.2785, 12.3359



212.0250, -11.3513, 0.8551



210.8000, -6.8034, -11.2256

# Triad

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



212.0250, -11.3513, 0.8551



210.3590, 12.1480, -23.1168



216.5340, 0.2297, 19.7027

# Complementary

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



212.0250, -11.3513, 0.8551



192.9750, 11.3513, -0.8551

# 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.



215.9010, 6.9508, 10.6108



212.0250, -11.3513, 0.8551



212.7560, 13.4313, -14.6950

# Square

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



212.0250, -11.3513, 0.8551



209.0830, 7.3541, -25.5058



214.6760, 11.4987, -1.4699



216.1340, -6.4751, 23.5615



# Rectangle

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



212.0250, -11.3513, 0.8551



209.7220, -1.8349, -18.1732



214.6760, 11.4987, -1.4699



216.2070, 2.8559, 17.3585

# Sweetspot

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



212.0250, -11.3513, 0.8551



253.5610, -4.2206, 0.3850



198.8340, -4.8482, 15.0546



126.9030, -2.9102, 0.0851



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.



212.0250, -11.3513, 0.8551



249.4720, -16.0087, 1.3401



208.1380, -9.4350, -7.1370



105.4470, -4.6574, 0.4850



145.8250, -71.8917, 5.4155



36.9020, -18.1927, 1.8399



# Inverse Universe

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



192.9750, 11.3513, -0.8551



222.5280, 16.0087, -1.3401



196.8620, 9.4350, 7.1370



97.8520, 4.5100, 0.1298



25.1750, 71.8917, -5.4155

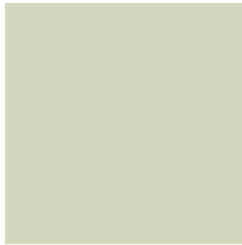


6.3970, 18.0453, -1.2252



# Previews

## White Background



This preview shows how the YUV color 212.0250, -11.3513, 0.8551 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 212.0250, -11.3513, 0.8551 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

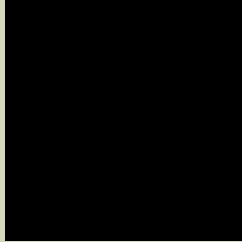
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

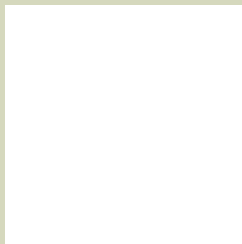
Any Text WCAG AAA ✓ Pass

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

# YUV 212.0250, -11.3513, 0.8551 Background



This preview shows how black text looks on a background with the YUV color 212.0250, -11.3513, 0.8551.



This preview shows how white text looks on a background with the YUV color 212.0250, -11.3513, 0.8551.

0.8551.

# 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

212.0250, -11.3513, 0.8551

### Protanopia

213.0260, -12.8308, 8.7472

### Deuteranopia

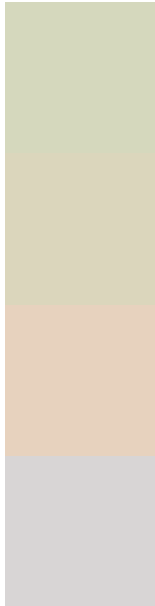
215.0540, -11.8586, 23.6316



## Tritanopia

214.9170, 5.9569, 2.7038

# Trichromacy



## Original Color

212.0250, -11.3513, 0.8551

## Protanomaly

212.5310, -12.0938, 5.6733

## Deuteranomaly

213.9990, -11.8315, 14.9099

## Tritanomaly

213.8970, -0.4422, 1.8443

# Monochromacy



## Original Color

212.0250, -11.3513, 0.8551

## Achromatopsia

212.0000, 0.0000, 0.0000

## Achromatomaly

211.6750, -3.7838, 0.2850

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 212.0250, -11.3513, 0.8551 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(213, 216, 189)` looks like.

```
.text, #text, p{  
    color:rgb(213, 216, 189)  
}
```

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(213, 216, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 216, 189) }
```

## Border

The CSS property to change the border of an element to YUV 212.0250, -11.3513, 0.8551 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(213, 216, 189) }
```



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

```
.border{ border-color:rgb(213, 216, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 216, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 216, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 216, 189);  
box-shadow:4px 4px 4px 4px rgb(213, 216,  
189) }
```

# Background

The CSS property to change the background color of an element to YUV 212.0250, -11.3513, 0.8551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 216, 189) }
```

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

```
.background{ background-color: rgb(213,  
216, 189) }
```

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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