

# Converting Colors

YUV(216.5290, -5.6838, 3.0441)

Have a look what the booklet for  
YUV(216.5290, -5.6838, 3.0441)  
contains.

<b>YUV(216.5290, -5.6838, 3.0441)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(216.5290, -5.6838,  
3.0441)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCD9CD
RGB	220, 217, 205
RGB Percent	86%, 85%, 80%
CMY	0.1373, 0.1490, 0.1961
CMYK	0.00, 0.01, 0.07, 0.14
HSL	48°, 18%, 83%
HSV	48°, 7%, 86%
XYZ	65.3475, 69.2491, 67.6798
YIQ	216.5290, 5.6400, -3.0960

# Conversions

## Conversions Part 2

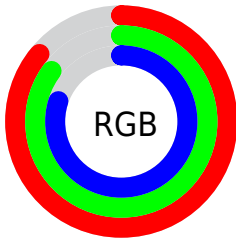
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	209, 220, 205
Decimal	14473677
CIE Lab	86.63, -1.06, 6.26
CIE LCh	87, 6.347, 99.607
Yxy	69.2491, 0.3231, 0.3423
Android (android.graphics.Color)	4292663757 (0xFFDCD9CD)
YUV	216.5290, -5.6838, 3.0441
Hunter-Lab	83.2161, -5.4565, 10.0305

# Details

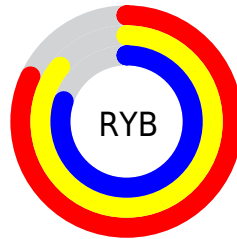
The YUV color  $216.5290, -5.6838, 3.0441$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $208.4710, 5.6838, -3.0441$ , and the grayscale version is  $217.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $161.6430, -5.2470, 2.9441$  is the 20% darker color. If you saturate the color by 10%, you get  $211.6730, -14.1358, 7.3028$ , and if you desaturate by 10%, it is  $221.3850, 2.7682, -1.2146$ .

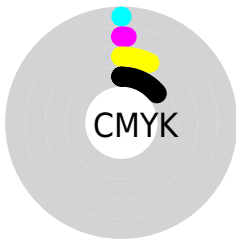
# Distribution



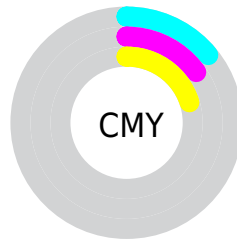
- Red (86%)
- Green (85%)
- Blue (80%)



- Red (82%)
- Yellow (86%)
- Blue (80%)



- Cyan (0%)
- Magenta (1%)
- Yellow (7%)
- Black (14%)



- Cyan (14%)
- Magenta (15%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 216.5290, -5.6838, 3.0441 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 216.5290, -5.6838, 3.0441 by changing the saturation by 10% instead.



■ 216.5290, -5.6838,  
3.0441

■ 216.5290, -5.6838,  
3.0441

255.0000, 0.0000,  
0.0000

■ 188.6430, -5.2470,  
2.9441

■ 161.6430, -5.2470,  
2.9441

■ 135.6430, -5.2470,  
2.9441

■ 110.3440, -5.0996,  
2.3293

■ 85.7570, -4.8102,  
2.8441

■ 62.4580, -4.6628,  
2.2293

■ 40.5720, -4.2260,

2.1294

■ 20.2300, -5.5364,  
2.4293

■ 0.0000, 0.0000,  
0.0000

■ 216.5290, -5.6838,  
3.0441

■ 216.5290, -5.6838,  
3.0441

■ 211.6730,  
-14.1358, 7.3028

■ 221.3850, 2.7682,  
-1.2146

■ 206.2300,  
-22.2984, 12.0763

■ 226.8280, 10.9308,  
-5.9882

■ 201.3740,  
-30.7504, 16.3350

■ 229.8600, 12.3940,  
-8.6472

■ 195.9310,  
-38.9130, 21.1085

■ 232.7950, 10.9471,  
-11.2212

■ 191.0750,  
-47.3650, 25.3672

■ 235.1430, 9.7895,  
-13.2804

■ 186.2190,  
-55.8170, 29.6259

■ 237.4910, 8.6319,  
-15.3396

■ 180.7760,  
-63.9796, 34.3994

■ 240.4260, 7.1850,  
-17.9136

■ 175.9200,  
-72.4316, 38.6582

■ 242.7740, 6.0274,  
-19.9728

■ 170.4770,  
-80.5942, 43.4317

■ 244.5350, 5.1592,  
-21.5172

# Harmonies

## Analogous

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



217.2630, -5.5527, 7.6623



216.5290, -5.6838, 3.0441



215.8380, -4.3571, -2.4889

# Triad

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



216.5290, -5.6838, 3.0441



215.3730, 4.2531, -10.8511



218.0980, 1.4307, 7.8071

# Complementary

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



216.5290, -5.6838, 3.0441



208.4710, 5.6838, -3.0441

# Split Complementary

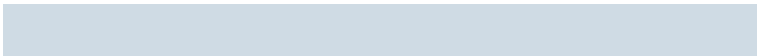
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



218.0480, 3.9203, 2.5889



216.5290, -5.6838, 3.0441



216.4380, 5.7001, -8.2771

# Square

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



216.5290, -5.6838, 3.0441



215.3900, 1.7797, -10.8660



217.1720, 5.8312, -3.6588



218.3110, -1.6323, 10.2513



# Rectangle

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



216.5290, -5.6838, 3.0441



215.6850, -2.3097, -5.8627



217.1720, 5.8312, -3.6588



218.3150, 2.3097, 5.8627

# Sweetspot

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



216.5290, -5.6838, 3.0441



253.8430, -1.8946, 1.0147



209.8270, -0.9007, 8.9217



127.0710, -1.0210, 0.8147



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.



216.5290, -5.6838, 3.0441



250.3720, -7.5784, 4.0588



217.0940, -5.9623, -0.9594



106.9850, -3.9366, 2.6442



133.3200, -65.7268, 34.7994



35.4730, -17.4882, 9.2322



# Inverse Universe

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



208.4710, 5.6838, -3.0441



239.6280, 7.5784, -4.0588



207.9060, 5.9623, 0.9594



101.4280, 4.2260, -2.1294



40.2670, 65.4374, -35.3142

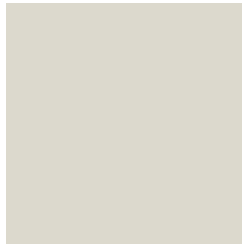


10.5270, 17.4882, -9.2322



# Previews

## White Background



This preview shows how the YUV color 216.5290, -5.6838, 3.0441 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

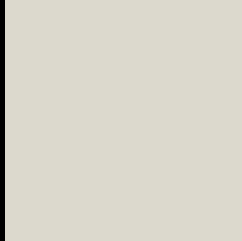
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 216.5290, -5.6838, 3.0441 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

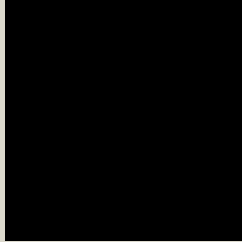
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

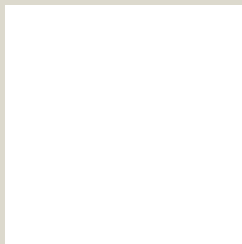
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 216.5290, -5.6838, 3.0441

## Background



This preview shows how black text looks on a background with the YUV color 216.5290, -5.6838, 3.0441.



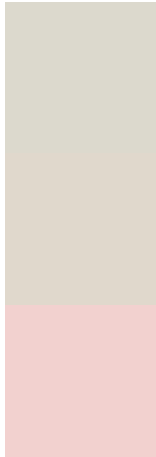
This preview shows how white text looks on a background with the YUV color 216.5290, -5.6838,



# 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

216.5290, -5.6838, 3.0441

### Protanopia

217.0240, -6.4208, 6.1180

### Deuteranopia

218.6390, -5.7380, 20.4876



## Tritanopia

218.2270, 5.8041, 5.0629

# Trichromacy



## Original Color

216.5290, -5.6838, 3.0441

## Protanomaly

216.7250, -6.2734, 5.5032

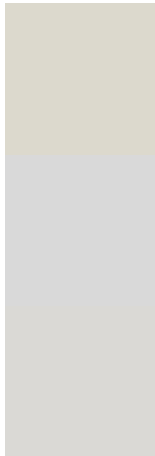
## Deuteranomaly

217.8940, -5.8637, 14.1250

## Tritanomaly

217.4890, 1.7309, 4.8331

# Monochromacy



## Original Color

216.5290, -5.6838, 3.0441

## Achromatopsia

217.0000, 0.0000, 0.0000

## Achromatomaly

216.8430, -1.8946, 1.0147

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 216.5290, -5.6838, 3.0441 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, 217, 205)` looks like.

```
.text, #text, p{  
    color:rgb(220, 217, 205)  
}
```

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, 217, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 217, 205) }
```

## Border

The CSS property to change the border of an element to YUV 216.5290, -5.6838, 3.0441 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, 217, 205) }
```



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

```
.border{ border-color:rgb(220, 217, 205) }
```

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

Here you see how a box with a 4 pixel rgb(220, 217, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 217, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 217, 205);  
box-shadow:4px 4px 4px 4px rgb(220, 217,  
205) }
```

# Background

The CSS property to change the background color of an element to YUV 216.5290, -5.6838, 3.0441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 217, 205) }
```

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

```
.background{ background-color: rgb(220,  
217, 205) }
```

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