

# Converting Colors

YUV(213.2030, -4.5371, 8.5920)

Have a look what the booklet for  
YUV(213.2030, -4.5371, 8.5920)  
contains.

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# Color

**YUV(213.2030, -4.5371,  
8.5920)**

# Conversions

Conversions Part 1	
Format	Color
Hex	DFD2CC
RGB	223, 210, 204
RGB Percent	87%, 82%, 80%
CMY	0.1255, 0.1765, 0.2000
CMYK	0.00, 0.06, 0.09, 0.13
HSL	19°, 23%, 84%
HSV	19°, 9%, 87%
XYZ	64.3771, 66.1408, 66.5002
YIQ	213.2030, 9.6740, 0.8900

# Conversions

## Conversions Part 2

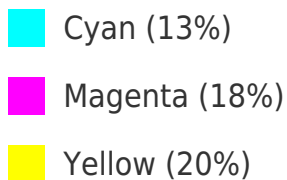
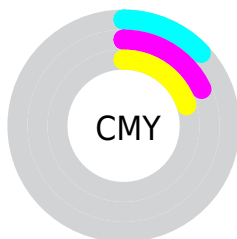
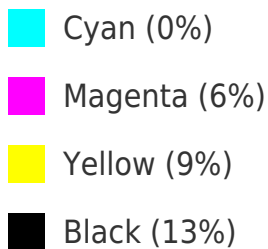
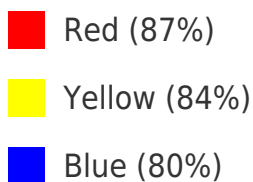
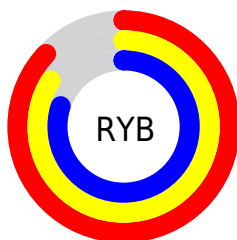
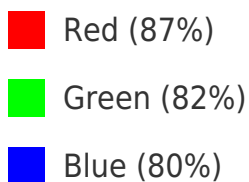
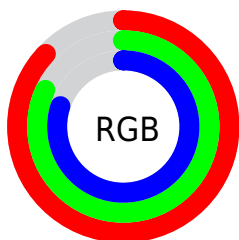
Format	Color
<a href="#">RYB</a>	<a href="#">223, 213, 204</a>
Decimal	<a href="#">14668492</a>
CIELab	<a href="#">85.07, 3.47, 4.57</a>
CIELCh	<a href="#">85, 5.734, 52.811</a>
Yxy	<a href="#">66.1408, 0.3268, 0.3357</a>
Android (android.graphics.Color)	<a href="#">4292858572</a> (0xFFDFD2CC)
YUV	<a href="#">213.2030, -4.5371, 8.5920</a>
Hunter-Lab	<a href="#">81.3270, -1.0246, 8.4481</a>

# Details

The YUV color  $213.2030, -4.5371, 8.5920$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $213.7970, 4.5371, -8.5920$ , 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  $158.9040, -4.3897, 7.9772$  is the 20% darker color. If you saturate the color by 10%, you get  $201.8900, -9.8058, 18.5135$ , and if you desaturate by 10%, it is  $224.5160, 0.7316, -1.3295$ .

# Distribution




# Brightness & Saturation


## Gradients

These gradients show how the YUV color 213.2030, -4.5371, 8.5920 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 213.2030, -4.5371, 8.5920 by changing the saturation by 10% instead.





 213.2030, -4.5371,  
8.5920


 213.2030, -4.5371,  
8.5920


255.0000, 0.0000,  
0.0000


 185.3170, -4.1003,  
8.4920

 158.9040, -4.3897,  
7.9772

 132.6050, -4.2423,  
7.3624

 107.0180, -3.9529,  
7.8772

 82.7190, -3.8055,  
7.2624

 59.5340, -3.2213,  
6.5477

 38.2350, -3.0739,

5.9329

■ 17.1920, -4.5317,  
6.8476

■ 0.0000, 0.0000,  
0.0000

■ 213.2030, -4.5371,  
8.5920

■ 213.2030, -4.5371,  
8.5920

■ 201.8900, -9.8058,  
18.5135

■ 224.5160, 0.7316,  
-1.3295

■ 189.8760,  
-15.2219, 29.0497

■ 236.5300, 6.1477,  
-11.8658

■ 178.5630,  
-20.4906, 38.9712

■ 245.4320, 4.7170,  
-19.6729

■ 167.2500,  
-25.7592, 48.8927

■ 155.9370,  
-31.0279, 58.8143

■ 143.9230,  
-36.4440, 69.3505

■ 132.6100,  
-41.7127, 79.2720

■ 121.2970,  
-46.9814, 89.1935

■ 109.8700,  
-52.6869, 99.2150

# Harmonies

## Analogous

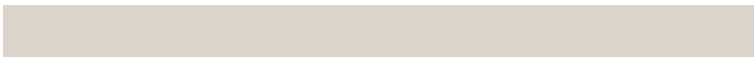
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



213.6700, -2.7953, 9.9364



213.2030, -4.5371, 8.5920



212.9530, -5.3998, 5.3032

# Triad

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



213.2030, -4.5371, 8.5920



210.9450, 0.0271, -8.7218



213.1400, 4.3680, -0.9998

# Complementary

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



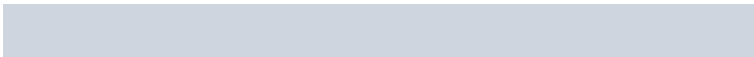
213.2030, -4.5371, 8.5920



213.7970, 4.5371, -8.5920

# 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.



212.0470, 5.3998, -5.3032



213.2030, -4.5371, 8.5920



210.9170, 2.5059, -10.4512

# Square

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



213.2030, -4.5371, 8.5920



211.2830, -2.6045, -4.6332



211.4980, 4.6845, -9.2067



213.4180, 2.7519, 4.0184



# Rectangle

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



213.2030, -4.5371, 8.5920



212.3440, -5.0996, 2.3293



211.4980, 4.6845, -9.2067



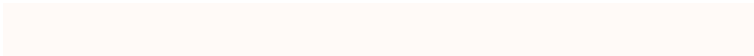
212.6560, 5.0996, -2.3293

# Sweetspot

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



213.2030, -4.5371, 8.5920



251.1530, -2.0474, 3.3738



211.1630, 2.8776, 10.3810



124.9680, -1.4632, 2.6591



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

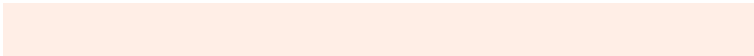


# Same Dimension

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



213.2030, -4.5371, 8.5920



242.1710, -6.0003, 11.2510



218.4860, -7.1416, 3.9588



106.6370, -2.7790, 4.7034



85.4960, -42.1495, 79.3720



23.1570, -11.4164, 21.7873

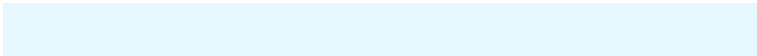


# Inverse Universe

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



213.7970, 4.5371, -8.5920



242.8290, 6.0003, -11.2510



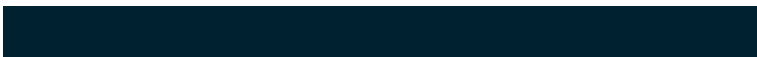
208.5140, 7.1416, -3.9588



106.9500, 2.4897, -5.2181



90.5040, 42.1495, -79.3720

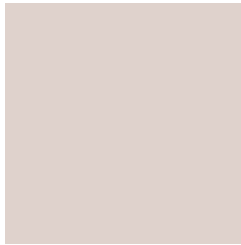


24.8430, 11.4164, -21.7873



# Previews

## White Background



This preview shows how the YUV color 213.2030, -4.5371, 8.5920 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

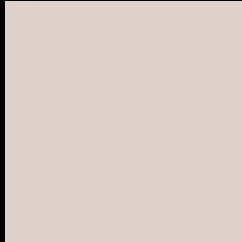
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 213.2030, -4.5371, 8.5920 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

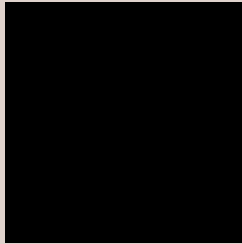
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 213.2030, -4.5371, 8.5920

## Background



This preview shows how black text looks on a background with the YUV color 213.2030, -4.5371, 8.5920.



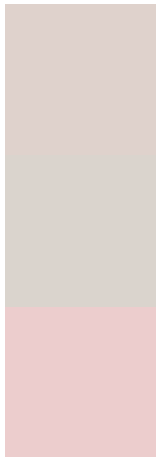
This preview shows how white text looks on a background with the YUV color 213.2030, -4.5371,



# 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

213.2030, -4.5371, 8.5920

### Protanopia

212.9960, -3.9420, 4.3885

### Deuteranopia

214.2690, -4.5696, 19.0581



## Tritanopia

214.5050, 4.1880, 10.0811

# Trichromacy



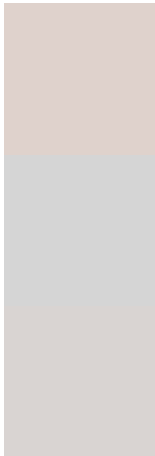
**Original Color**  
213.2030, -4.5371, 8.5920

**Protanomaly**  
213.0070, -3.9475, 6.1329

**Deuteranomaly**  
213.9480, -4.4114, 14.9546

**Tritanomaly**  
213.9950, 0.9885, 9.6514

# Monochromacy



**Original Color**  
213.2030, -4.5371, 8.5920

**Achromatopsia**  
213.0000, 0.0000, 0.0000

**Achromatomaly**  
213.2670, -1.6106, 3.2738

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 213.2030, -4.5371, 8.5920 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(223, 210, 204)` looks like.

```
.text, #text, p{  
    color:rgb(223, 210, 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(223, 210, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 210, 204) }
```

## Border

The CSS property to change the border of an element to YUV 213.2030, -4.5371, 8.5920 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(223, 210, 204) }
```



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

```
.border{ border-color:rgb(223, 210, 204) }
```

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

Here you see how a box with a 4 pixel rgb(223, 210, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 210, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 210, 204);  
box-shadow:4px 4px 4px 4px rgb(223, 210,  
204) }
```

# Background

The CSS property to change the background color of an element to YUV 213.2030, -4.5371, 8.5920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 210, 204) }
```

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

```
.background{ background-color: rgb(223,  
210, 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](#).

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