

# Converting Colors

YUV(212.4610, -29.3143,  
22.3977)

Have a look what the booklet for  
YUV(212.4610, -29.3143, 22.3977)  
contains.

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# Color

**YUV(212.4610, -29.3143,  
22.3977)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EED399
RGB	238, 211, 153
RGB Percent	93%, 83%, 60%
CMY	0.0667, 0.1725, 0.4000
CMYK	0.00, 0.11, 0.36, 0.07
HSL	41°, 71%, 77%
HSV	41°, 36%, 93%
XYZ	64.3039, 67.0656, 39.6928
YIQ	212.4610, 34.7100, -12.3140

# Conversions

## Conversions Part 2

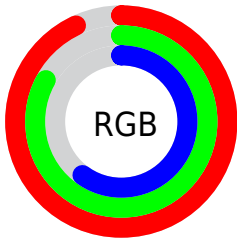
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	193, 238, 153
Decimal	15651737
CIE Lab	85.54, 1.28, 32.19
CIE LCh	86, 32.217, 87.726
Yxy	67.0656, 0.3759, 0.3921
Android (android.graphics.Color)	4293841817 (0xFFEED399)
YUV	212.4610, -29.3143, 22.3977
Hunter-Lab	81.8936, -3.1532, 28.5884

# Details

The YUV color  $212.4610, -29.3143, 22.3977$  is a light color, and the websafe version is hex  $\text{FFCC99}$ . A complement of this color would be  $178.5390, 29.3143, -22.3977$ , and the grayscale version is  $213.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $249.6420, -20.5295, 4.6990$ , and  $157.7920, -27.9985, 20.3534$  is the 20% darker color. If you saturate the color by 10%, you get  $205.0290, -37.4823, 28.9156$ , and if you desaturate by 10%, it is  $219.8930, -21.1462, 15.8798$ .

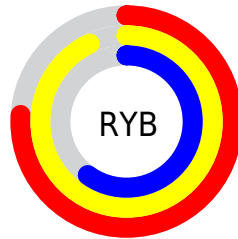
# Distribution



Red (93%)

Green (83%)

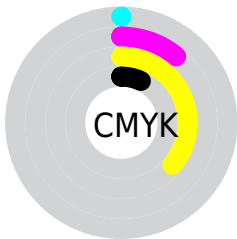
Blue (60%)



Red (76%)

Yellow (93%)

Blue (60%)

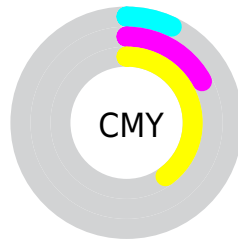


Cyan (0%)

Magenta (11%)

Yellow (36%)

Black (7%)



Cyan (7%)

Magenta (17%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 212.4610, -29.3143, 22.3977 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 212.4610, -29.3143, 22.3977 by changing the saturation by 10% instead.



■ 212.4610,  
-29.3143, 22.3977

■ 212.4610,  
-29.3143, 22.3977

255.0000, 0.0000,  
0.0000

■ 184.3900,  
-28.2933, 21.5830

■ 249.6420,  
-20.5295, 4.6990

■ 157.7920,  
-27.9985, 20.3534

■ 252.8340, -8.2992,  
1.8996

■ 131.4220,  
-26.8300, 18.9239

■ 105.9380,  
-26.0984, 17.5944

■ 81.4540, -25.3668,  
16.2648

■ 57.7420, -25.5088,  
15.1353

■ 36.9680, -18.2252,

12.3061

■ 17.7530, -8.7522,  
7.2326

■ 0.0000, 0.0000,  
0.0000

■ 212.4610,  
-29.3143, 22.3977

■ 212.4610,  
-29.3143, 22.3977

■ 205.0290,  
-37.4823, 28.9156

■ 219.8930,  
-21.1462, 15.8798

■ 198.1840,  
-45.9397, 34.9186

■ 226.7380,  
-12.6888, 9.8768

■ 190.8660,  
-53.6709, 41.3365

■ 234.0560, -4.9576,  
3.4589

■ 184.0210,  
-62.1284, 47.3396

■ 240.9010, 3.4998,  
-2.5442

■ 176.5890,  
-70.2964, 53.8574

■ 246.3950, 4.2423,  
-7.3624

■ 169.7440,  
-78.7538, 59.8605

■ 249.9170, 2.5059,  
-10.4512

■ 166.2560,  
-81.9642, 62.9195

# Harmonies

## Analogous

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



212.8140, -24.5583, 36.9971



212.4610, -29.3143, 22.3977



209.4470, -24.8704, -3.0230

# Triad

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



212.4610, -29.3143, 22.3977



198.6630, 20.8721, -68.1105



218.8460, 13.8799, 28.1991

# Complementary

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



212.4610, -29.3143, 22.3977



178.5390, 29.3143, -22.3977

# 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.



214.8640, 19.7870, 0.1193



212.4610, -29.3143, 22.3977



201.7980, 26.2286, -59.4588

# Square

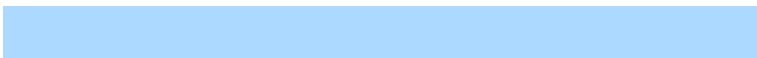
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



212.4610, -29.3143, 22.3977



200.7990, 4.5361, -55.0747



207.8770, 23.2316, -31.4641



213.6870, 1.6333, 36.2315



# Rectangle

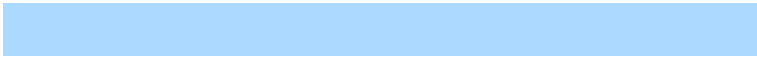
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



212.4610, -29.3143, 22.3977



206.1010, -16.8118, -21.1366



207.8770, 23.2316, -31.4641



218.2300, 18.1276, 19.0923

# Sweetspot

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



212.4610, -29.3143, 22.3977



246.5250, -9.6258, 7.4326



181.6070, -0.2993, 49.4567



122.5400, -5.6892, 4.7884



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.



212.4610, -29.3143, 22.3977



221.9150, -37.9191, 29.0155



224.1240, -35.0641, -0.1087



116.2840, -4.0840, 3.2589



128.3910, -63.2968, 48.7691



39.0500, -19.2516, 14.8652



# Inverse Universe

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



178.5390, 29.3143, -22.3977



178.0850, 37.9191, -29.0155



166.8760, 35.0641, 0.1087



111.7160, 4.0840, -3.2589



55.0220, 63.5862, -48.2543



16.9500, 19.2516, -14.8651



# Previews

## White Background



This preview shows how the YUV color 212.4610, -29.3143, 22.3977 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

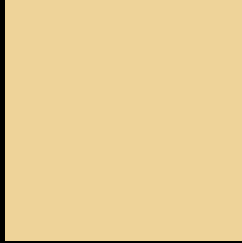
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 212.4610, -29.3143, 22.3977 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

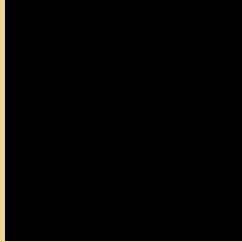
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 212.4610, -29.3143, 22.3977

## Background



This preview shows how black text looks on a background with the YUV color 212.4610, -29.3143, 22.3977.



This preview shows how white text looks on a background with the YUV color 212.4610, -29.3143, 22.3977.



# 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

212.4610, -29.3143, 22.3977

### Protanopia

211.9440, -28.5664, 15.8351

### Deuteranopia

213.8370, -29.4996, 35.2230



## Tritanopia

216.6810, 0.6503, 24.8358

# Trichromacy



## Original Color

212.4610, -29.3143, 22.3977

## Protanomaly

212.2540, -28.7192, 18.1942

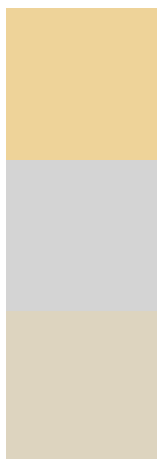
## Deuteranomaly

213.2170, -29.1940, 30.5047

## Tritanomaly

214.8090, -10.2588, 23.8465

# Monochromacy



## Original Color

212.4610, -29.3143, 22.3977

## Achromatopsia

212.0000, 0.0000, 0.0000

## Achromatomaly

212.2970, -10.4994, 7.6325

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 212.4610, -29.3143, 22.3977 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(238, 211, 153)` looks like.

```
.text, #text, p{  
    color:rgb(238, 211, 153)  
}
```

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(238, 211, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 211, 153) }
```

## Border

The CSS property to change the border of an element to YUV 212.4610, -29.3143, 22.3977 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(238, 211, 153) }
```



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

```
.border{ border-color:rgb(238, 211, 153) }
```

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

Here you see how a box with a 4 pixel rgb(238, 211, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 211, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 211, 153);  
box-shadow:4px 4px 4px 4px rgb(238, 211,  
153) }
```

# Background

The CSS property to change the background color of an element to YUV 212.4610, -29.3143, 22.3977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 211, 153) }
```

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

```
.background{ background-color: rgb(238,  
211, 153) }
```

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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