

# Converting Colors

YUV(212.6580, -71.8094,  
25.7329)

Have a look what the booklet for  
YUV(212.6580, -71.8094, 25.7329)  
contains.

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# Color

**YUV(212.6580, -71.8094,  
25.7329)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2E243
RGB	242, 226, 67
RGB Percent	95%, 89%, 26%
CMY	0.0510, 0.1137, 0.7373
CMYK	0.00, 0.07, 0.72, 0.05
HSL	55°, 87%, 61%
HSV	55°, 72%, 95%
XYZ	64.8274, 73.6752, 16.1142
YIQ	212.6580, 60.5750, -46.0570

# Conversions

## Conversions Part 2

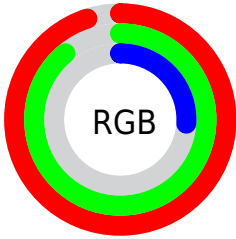
Format	Color
<a href="#">RYB</a>	85, 242, 67
Decimal	15917635
CIELab	88.77, -11.46, 74.85
CIELCh	89, 75.718, 98.708
Yxy	73.6752, 0.4193, 0.4765
Android (android.graphics.Color)	4294107715 (0xFF2E243)
YUV	212.6580, -71.8094, 25.7329
Hunter-Lab	85.8343, -15.3955, 48.9531

# Details

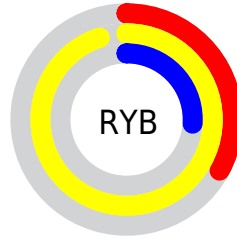
The YUV color **212.6580, -71.8094, 25.7329** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **96.3420, 71.8094, -25.7329**, and the grayscale version is **213.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.1800, -56.7837, 12.9971**, and **154.7950, -76.3139, 23.8588** is the 20% darker color. If you saturate the color by 10%, you get **208.7480, -81.7138, 29.1620**, and if you desaturate by 10%, it is **216.5680, -61.9050, 22.3039**.

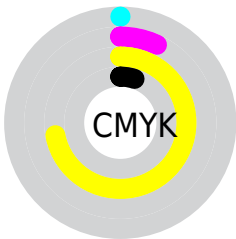
# Distribution



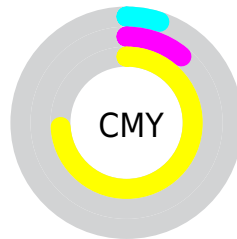
- Red (95%)
- Green (89%)
- Blue (26%)



- Red (33%)
- Yellow (95%)
- Blue (26%)



- Cyan (0%)
- Magenta (7%)
- Yellow (72%)
- Black (5%)



- Cyan (5%)
- Magenta (11%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 212.6580, -71.8094, 25.7329 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 212.6580, -71.8094, 25.7329 by changing the saturation by 10% instead.



212.6580,  
-71.8094, 25.7329

212.6580,  
-71.8094, 25.7329

255.0000, 0.0000,  
0.0000

183.3760,  
-74.1354, 25.1032

240.1800,  
-56.7837, 12.9971

154.7950,  
-76.3139, 23.8588

243.3720,  
-44.5534, 10.1978

130.8620,  
-64.5150, 19.4150

246.6780,  
-31.8863, 7.2984

106.9290,  
-52.7160, 14.9713

249.9840,  
-19.2191, 4.3990

84.4690, -41.6432,  
10.1127

253.4040, -6.1152,  
1.3997

62.3080, -30.7178,  
5.8689

41.6200, -20.5187,

1.2103

■ 22.4050, -11.0457,  
-3.8632

■ 0.0000, 0.0000,  
0.0000

■ 212.6580,  
-71.8094, 25.7329

■ 212.6580,  
-71.8094, 25.7329

■ 208.7480,  
-81.7138, 29.1620

■ 216.5680,  
-61.9050, 22.3039

■ 204.8380,  
-91.6181, 32.5911

■ 220.4780,  
-52.0007, 18.8748

■ 201.4980,  
-99.3385, 35.5203

■ 225.0890,  
-41.9489, 14.8309

■ 228.9990,  
-32.0445, 11.4019

■ 232.9090,  
-22.1401, 7.9728

■ 236.8190,  
-12.2358, 4.5437

■ 240.7290, -2.3314,  
1.1147

■ 244.6560, 5.0996,  
-2.3293

■ 245.8300, 4.5208,  
-3.3589

# Harmonies

## Analogous

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



203.2210, -58.7760, 45.4102



212.6580, -71.8094, 25.7329



204.0060, -49.7960, -35.0853

# Triad

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



212.6580, -71.8094, 25.7329



178.7550, 37.5888, -156.7681



203.3440, 25.4664, 45.3023

# Complementary

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



212.6580, -71.8094, 25.7329



96.3420, 71.8094, -25.7329

# 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.



219.4810, 17.5109, 30.2732



212.6580, -71.8094, 25.7329



172.8850, 40.4827, -151.6201

# Square

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



212.6580, -71.8094, 25.7329



177.3870, 32.3472, -155.5684



195.8400, 29.1659, -68.2657



191.1870, 6.8098, 55.9640



# Rectangle

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



212.6580, -71.8094, 25.7329



191.2500, -23.2942, -88.7962



195.8400, 29.1659, -68.2657



208.0400, 23.1513, 41.1839

# Sweetspot

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



212.6580, -71.8094, 25.7329



245.6810, -23.0137, 8.1728



121.3770, -17.9339, 105.7864



121.7760, -13.6936, 5.4584



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.



212.6580, -71.8094, 25.7329



217.9520, -91.1813, 32.4911



201.1200, -66.1212, -25.5382



118.0450, -4.9522, 1.7145



153.0450, -75.4512, 27.1475



46.6810, -23.0137, 8.1728



# Inverse Universe

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



96.3420, 71.8094, -25.7329



70.0480, 91.1813, -32.4911



107.8800, 66.1212, 25.5382



109.9550, 4.9522, -1.7145



30.9550, 75.4512, -27.1475



9.3190, 23.0137, -8.1728



# Previews

## White Background



This preview shows how the YUV color 212.6580, -71.8094, 25.7329 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

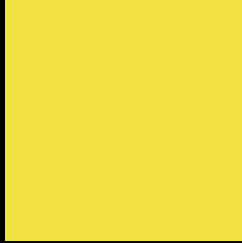
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 212.6580, -71.8094, 25.7329 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 212.6580, -71.8094, 25.7329

## Background



This preview shows how black text looks on a background with the YUV color 212.6580, -71.8094, 25.7329.



This preview shows how white text looks on a background with the YUV color 212.6580, -71.8094,

25.7329.

# 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

212.6580, -71.8094, 25.7329

### Protanopia

213.1750, -72.5573, 32.2955

### Deuteranopia

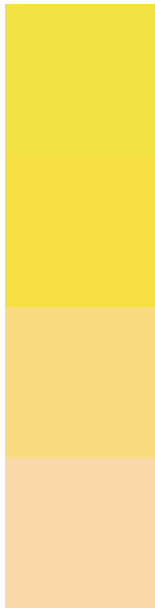
222.2060, -29.1886, 28.7603



## Tritanopia

225.9800, 0.5029, 25.4505

# Trichromacy



## Original Color

212.6580, -71.8094, 25.7329

## Protanomaly

212.8650, -72.4044, 29.9364

## Deuteranomaly

218.4820, -44.6076, 27.6413

## Tritanomaly

220.8080, -25.5413, 25.6014

# Monochromacy



## Original Color

212.6580, -71.8094, 25.7329

## Achromatopsia

213.0000, 0.0000, 0.0000

## Achromatomaly

213.1820, -26.2187, 9.4874

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 212.6580, -71.8094, 25.7329 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(242, 226, 67)` looks like.

```
.text, #text, p{  
    color:rgb(242, 226, 67)  
}
```

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(242, 226, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 226, 67) }
```

## Border

The CSS property to change the border of an element to YUV 212.6580, -71.8094, 25.7329 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(242, 226, 67) }
```



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

```
.border{ border-color:rgb(242, 226, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 226, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 226, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 226, 67);  
box-shadow:4px 4px 4px 4px rgb(242, 226,  
67) }
```

# Background

The CSS property to change the background color of an element to YUV 212.6580, -71.8094, 25.7329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 226, 67) }
```

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

```
.background{ background-color: rgb(242,  
226, 67) }
```

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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