

# Converting Colors

YUV(206.7450, -70.3733,  
31.7956)

Have a look what the booklet for  
YUV(206.7450, -70.3733, 31.7956)  
contains.

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# Color

**YUV(206.7450, -70.3733,  
31.7956)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3D840
RGB	243, 216, 64
RGB Percent	95%, 85%, 25%
CMY	0.0471, 0.1529, 0.7490
CMYK	0.00, 0.11, 0.74, 0.05
HSL	51°, 88%, 60%
HSV	51°, 74%, 95%
XYZ	62.4434, 68.5366, 14.7883
YIQ	206.7450, 64.8840, -41.5480

# Conversions

## Conversions Part 2

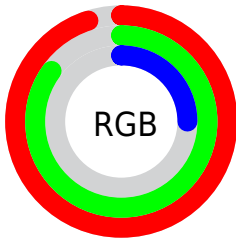
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">96, 243, 64</a>
Decimal	<a href="#">15980608</a>
<a href="#">CIELab</a>	<a href="#">86.27, -6.17, 73.53</a>
<a href="#">CIELCh</a>	<a href="#">86, 73.788, 94.799</a>
<a href="#">Yxy</a>	<a href="#">68.5366, 0.4284, 0.4702</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4294170688 (0xFFFF3D840)</a>
<a href="#">YUV</a>	<a href="#">206.7450, -70.3733, 31.7956</a>
<a href="#">Hunter-Lab</a>	<a href="#">82.7868, -10.2402, 47.3598</a>

# Details

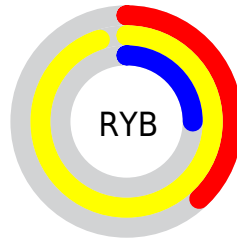
The YUV color **206.7450, -70.3733, 31.7956** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **100.2550, 70.3733, -31.7956**, and the grayscale version is **207.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.8380, -58.0941, 13.2971**, and **149.8110, -73.8568, 29.1068** is the 20% darker color. If you saturate the color by 10%, you get **201.6610, -79.6989, 36.2543**, and if you desaturate by 10%, it is **211.8290, -61.0477, 27.3370**.

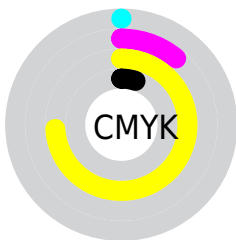
# Distribution



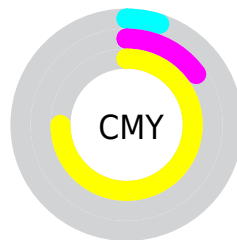
- Red (95%)
- Green (85%)
- Blue (25%)



- Red (38%)
- Yellow (95%)
- Blue (25%)



- Cyan (0%)
- Magenta (11%)
- Yellow (74%)
- Black (5%)



- Cyan (5%)
- Magenta (15%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 206.7450, -70.3733, 31.7956 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 206.7450, -70.3733, 31.7956 by changing the saturation by 10% instead.



206.7450,  
-70.3733, 31.7956

206.7450,  
-70.3733, 31.7956

255.0000, 0.0000,  
0.0000

177.4630,  
-72.6993, 31.1659

239.8380,  
-58.0941, 13.2971

149.8110,  
-73.8568, 29.1068

243.0300,  
-45.8638, 10.4977

125.5790,  
-61.9104, 24.0482

246.2220,  
-33.6334, 7.6983

102.5320,  
-50.5483, 19.7044

249.5280,  
-20.9663, 4.7989

79.4850, -39.1861,  
15.3607

252.9480, -7.8624,  
1.7996

58.1990, -28.6921,  
9.4725

37.8100, -18.6403,

5.4286

■ 18.2960, -9.0199,  
-0.2596

■ 0.0000, 0.0000,  
0.0000

■ 206.7450,  
-70.3733, 31.7956

■ 206.7450,  
-70.3733, 31.7956

■ 201.6610,  
-79.6989, 36.2543

■ 211.8290,  
-61.0477, 27.3370

■ 197.0500,  
-89.7506, 40.2982

■ 216.4400,  
-50.9959, 23.2931

■ 193.5790,  
-95.4344, 43.3422

■ 221.5240,  
-41.6703, 18.8345

■ 226.6080,  
-32.3447, 14.3758

■ 231.2190,  
-22.2930, 10.3319

■ 236.3030,  
-12.9674, 5.8733

■ 241.3870, -3.6418,  
1.4146

■ 245.5420, 4.6628,  
-2.2293

■ 247.8900, 3.5052,  
-4.2885

# Harmonies

## Analogous

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



197.5790, -55.0084, 50.3582



206.7450, -70.3733, 31.7956



199.3770, -52.4439, -25.7636

# Triad

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



206.7450, -70.3733, 31.7956



174.6460, 39.6145, -153.1645



201.5830, 26.3346, 46.8467

# Complementary

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



206.7450, -70.3733, 31.7956



100.2550, 70.3733, -31.7956

# 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.



212.3270, 21.0378, 19.0072



206.7450, -70.3733, 31.7956



169.3630, 42.2190, -148.5314

# Square

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



206.7450, -70.3733, 31.7956



172.4000, 25.9318, -151.1948



183.3260, 35.3353, -87.1089



188.4800, 9.1304, 58.3380



# Rectangle

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



206.7450, -70.3733, 31.7956



188.9700, -28.5792, -73.6417



183.3260, 35.3353, -87.1089



206.8660, 23.7301, 42.2135

# Sweetspot

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



206.7450, -70.3733, 31.7956



243.9200, -22.1456, 9.7172



120.9410, -13.2819, 107.0457



120.6020, -13.1148, 6.4880



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.



206.7450, -70.3733, 31.7956



209.5060, -88.0035, 39.8982



204.6540, -69.3424, -18.9906



120.0450, -4.9522, 1.7145



148.3600, -73.1415, 33.0103



46.9910, -23.1666, 10.5319



# Inverse Universe

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



100.2550, 70.3733, -31.7956



75.9070, 88.2928, -39.3834



102.3460, 69.3424, 18.9906



112.5420, 4.6628, -2.2293



37.6400, 73.1415, -33.0103



12.0090, 23.1666, -10.5319



# Previews

## White Background



This preview shows how the YUV color 206.7450, -70.3733, 31.7956 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

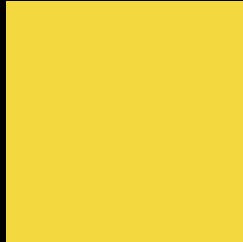
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 206.7450, -70.3733, 31.7956 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 206.7450, -70.3733, 31.7956 Background



This preview shows how black text looks on a background with the YUV color 206.7450, -70.3733, 31.7956.



This preview shows how white text looks on a background with the YUV color 206.7450, -70.3733, 31.7956.

31.7956.

# 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

206.7450, -70.3733, 31.7956

### Protanopia

206.4460, -70.2259, 31.1809

### Deuteranopia

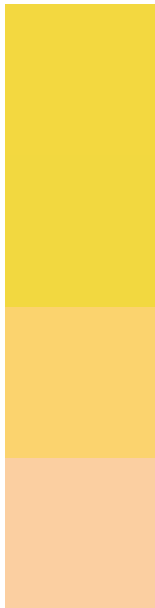
213.8450, -38.3776, 36.0929



## Tritanopia

219.5570, -1.2606, 31.0835

# Trichromacy



## Original Color

206.7450, -70.3733, 31.7956

## Protanomaly

206.4460, -70.2259, 31.1809

## Deuteranomaly

211.4460, -50.0129, 34.6889

## Tritanomaly

214.9120, -26.5786, 31.6492

# Monochromacy



## Original Color

206.7450, -70.3733, 31.7956

## Achromatopsia

207.0000, 0.0000, 0.0000

## Achromatomaly

206.7200, -25.4980, 11.6466

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 206.7450, -70.3733, 31.7956 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(243, 216, 64)` looks like.

```
.text, #text, p{  
    color:rgb(243, 216, 64)  
}
```

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(243, 216, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 216, 64) }
```

## Border

The CSS property to change the border of an element to YUV 206.7450, -70.3733, 31.7956 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(243, 216, 64) }
```



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

```
.border{ border-color:rgb(243, 216, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 216, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 216, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 216, 64);  
box-shadow:4px 4px 4px 4px rgb(243, 216,  
64) }
```

# Background

The CSS property to change the background color of an element to YUV 206.7450, -70.3733, 31.7956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 216, 64) }
```

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

```
.background{ background-color: rgb(243,  
216, 64) }
```

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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