

# Converting Colors

YUV(156.8730, -13.7414,  
67.6404)

Have a look what the booklet for  
YUV(156.8730, -13.7414, 67.6404)  
contains.

<b>YUV(156.8730, -13.7414, 67.6404)</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(156.8730, -13.7414,  
67.6404)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EA7B81
RGB	234, 123, 129
RGB Percent	92%, 48%, 51%
CMY	0.0824, 0.5176, 0.4941
CMYK	0.00, 0.47, 0.45, 0.08
HSL	357°, 73%, 70%
HSV	357°, 47%, 92%
XYZ	44.9771, 33.2433, 24.8149
YIQ	156.8730, 64.2300, 25.3980

# Conversions

## Conversions Part 2

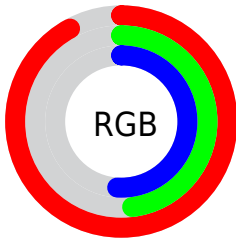
Format	Color
<a href="#">RYB</a>	<a href="#">234, 123, 129</a>
Decimal	<a href="#">15367041</a>
CIELab	<a href="#">64.36, 43.26, 16.38</a>
CIELCh	<a href="#">64, 46.261, 20.740</a>
Yxy	<a href="#">33.2433, 0.4365, 0.3226</a>
Android (android.graphics.Color)	<a href="#">4293557121 (0xFFEA7B81)</a>
YUV	<a href="#">156.8730, -13.7414, 67.6404</a>
Hunter-Lab	<a href="#">57.6570, 38.3445, 14.8422</a>

# Details

The YUV color **156.8730, -13.7414, 67.6404** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **200.1270, 13.7414, -67.6404**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.4790, -9.6031, 46.9379**, and **103.1220, -11.3991, 63.0370** is the 20% darker color. If you saturate the color by 10%, you get **140.8640, -16.6950, 81.6803**, and if you desaturate by 10%, it is **172.8820, -10.7878, 53.6005**.

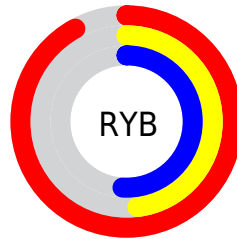
# Distribution



Red (92%)

Green (48%)

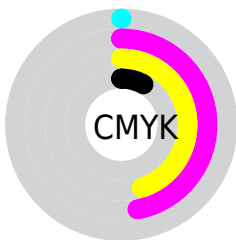
Blue (51%)



Red (92%)

Yellow (48%)

Blue (51%)

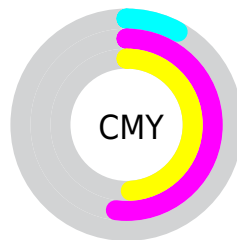


Cyan (0%)

Magenta (47%)

Yellow (45%)

Black (8%)



Cyan (8%)

Magenta (52%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 156.8730, -13.7414, 67.6404 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 156.8730, -13.7414, 67.6404 by changing the saturation by 10% instead.



156.8730,  
-13.7414, 67.6404

156.8730,  
-13.7414, 67.6404

255.0000, 0.0000,  
0.0000

129.7910,  
-12.7150, 65.0813

201.4790, -9.6031,  
46.9379

103.1220,  
-11.3991, 63.0370

220.9930, -5.9125,  
29.8241

75.6810, -9.2097,  
60.7928

240.7350, -1.3484,  
12.5104

47.3050, -5.5734,  
61.1225

28.3210, -6.5673,  
53.2155

18.5380, -9.1392,  
38.1162

9.9810, -4.4276,

20.1877

■ 0.0000, 0.0000,  
0.0000

■ 156.8730,  
-13.7414, 67.6404

■ 156.8730,  
-13.7414, 67.6404

■ 140.8640,  
-16.6950, 81.6803

■ 172.8820,  
-10.7878, 53.6005

■ 124.2680,  
-19.3591, 96.2350

■ 189.4780, -8.1237,  
39.0458

■ 108.2590,  
-22.3127, 110.2749

■ 205.4870, -5.1701,  
25.0059

■ 91.5490, -25.4137,  
124.9295

■ 222.1970, -2.0691,  
10.3512

■ 75.5400, -28.3672,  
138.9694

■ 238.2060, 0.8844,  
-3.6887

■ 71.4480, -28.8149,  
142.5581

■ 248.7210, 3.0955,  
-12.9103

# Harmonies

## Analogous

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



159.2690, 5.7834, 58.5231



156.8730, -13.7414, 67.6404



155.3390, -30.7331, 57.5847

# Triad

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



156.8730, -13.7414, 67.6404



143.6880, -20.5522, -34.8064



136.1430, 49.7225, -81.6864

# Complementary

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



156.8730, -13.7414, 67.6404



200.1270, 13.7414, -67.6404

# 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.



126.5170, 45.5941, -110.9554



156.8730, -13.7414, 67.6404



124.7680, 8.0024, -93.6355

# Square

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



156.8730, -13.7414, 67.6404



149.2060, -36.0906, 2.4503



124.8750, 29.1486, -109.5154



156.1730, 37.8757, -15.0607



# Rectangle

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



156.8730, -13.7414, 67.6404



154.0030, -37.9625, 42.9704



124.8750, 29.1486, -109.5154



125.1780, 53.1562, -109.7811

# Sweetspot

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



156.8730, -13.7414, 67.6404



229.9920, -4.4331, 21.9320



166.7500, 33.1542, 52.8392



112.6920, -2.8062, 13.4251



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.



156.8730, -13.7414, 67.6404



154.2670, -17.8796, 88.3428



184.3650, -30.2529, 43.5299



109.2890, -1.6215, 6.7625



55.2590, -22.3127, 110.2749



16.4880, -6.6496, 32.8980



# Inverse Universe

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



156.8730, -13.7414, 67.6404



154.2670, -17.8796, 88.3428



172.6350, 30.2529, -43.5299



109.2890, -1.6215, 6.7625



55.2590, -22.3127, 110.2749



16.4880, -6.6496, 32.8980



# Previews

## White Background



This preview shows how the YUV color 156.8730, -13.7414, 67.6404 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

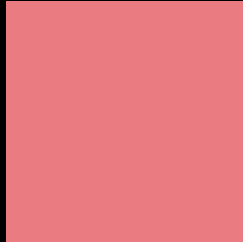
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 156.8730, -13.7414, 67.6404 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 156.8730, -13.7414, 67.6404 Background



This preview shows how black text looks on a background with the YUV color 156.8730, -13.7414, 67.6404.



This preview shows how white text looks on a background with the YUV color 156.8730, -13.7414,



# 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

156.8730, -13.7414, 67.6404

### Protanopia

156.6540, -5.2524, 4.6884

### Deuteranopia

156.9030, -16.2212, 22.8871



## Tritanopia

157.1010, -12.8678, 67.4404

# Trichromacy



## Original Color

156.8730, -13.7414, 67.6404

## Protanomaly

156.7000, -8.2331, 27.4501

## Deuteranomaly

156.9420, -15.2544, 39.5159

## Tritanomaly

156.9870, -13.3046, 67.5404

# Monochromacy



## Original Color

156.8730, -13.7414, 67.6404

## Achromatopsia

157.0000, 0.0000, 0.0000

## Achromatomaly

157.1880, -5.0227, 24.3911

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 156.8730, -13.7414, 67.6404 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(234, 123, 129)` looks like.

```
.text, #text, p{  
    color:rgb(234, 123, 129)  
}
```

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(234, 123, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 123, 129) }
```

## Border

The CSS property to change the border of an element to YUV 156.8730, -13.7414, 67.6404 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(234, 123, 129) }
```



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

```
.border{ border-color:rgb(234, 123, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 123, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 123, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 123, 129);  
box-shadow:4px 4px 4px 4px rgb(234, 123,  
129) }
```

# Background

The CSS property to change the background color of an element to YUV 156.8730, -13.7414, 67.6404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 123, 129) }
```

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

```
.background{ background-color: rgb(234,  
123, 129) }
```

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