

# Converting Colors

YUV(200.2570, -70.1327,  
48.0096)

Have a look what the booklet for  
YUV(200.2570, -70.1327, 48.0096)  
contains.

<b>YUV(200.2570, -70.1327, 48.0096)</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(200.2570, -70.1327,  
48.0096)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC83A
RGB	255, 200, 58
RGB Percent	100%, 78%, 23%
CMY	0.0000, 0.2157, 0.7725
CMYK	0.00, 0.22, 0.77, 0.00
HSL	43°, 100%, 61%
HSV	43°, 77%, 100%
XYZ	62.6580, 62.8740, 12.8365
YIQ	200.2570, 78.3620, -32.5020

# Conversions

## Conversions Part 2

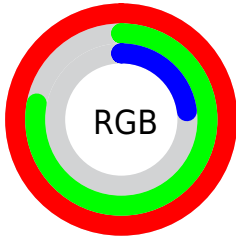
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">134, 255, 58</a>
Decimal	<a href="#">16762938</a>
CIELab	<a href="#">83.38, 6.82, 73.27</a>
CIELCh	<a href="#">83, 73.587, 84.686</a>
Yxy	<a href="#">62.8740, 0.4528, 0.4544</a>
Android (android.graphics.Color)	<a href="#">4294953018</a> ( <a href="#">0xFFFFC83A</a> )
YUV	<a href="#">200.2570, -70.1327, 48.0096</a>
Hunter-Lab	<a href="#">79.2932, 2.2889, 45.9070</a>

# Details

The YUV color **200.2570, -70.1327, 48.0096** 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 **112.7430, 70.1327, -48.0096**, and the grayscale version is **201.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.0400, -61.1517, 13.9969**, and **143.7080, -70.8480, 44.1061** is the 20% darker color. If you saturate the color by 10%, you get **193.1840, -79.4637, 54.2126**, and if you desaturate by 10%, it is **207.2160, -61.2385, 41.9066**.

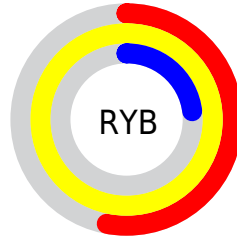
# Distribution



Red (100%)

Green (78%)

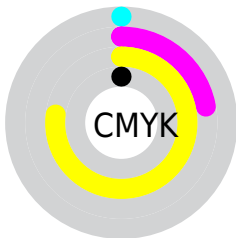
Blue (23%)



Red (53%)

Yellow (100%)

Blue (23%)

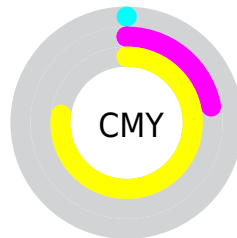


Cyan (0%)

Magenta (22%)

Yellow (77%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 200.2570, -70.1327, 48.0096 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 200.2570, -70.1327, 48.0096 by changing the saturation by 10% instead.



200.2570,  
-70.1327, 48.0096

200.2570,  
-70.1327, 48.0096

255.0000, 0.0000,  
0.0000

171.0350,  
-73.4743, 46.4503

239.0400,  
-61.1517, 13.9969

143.7080,  
-70.8480, 44.1061

242.2320,  
-48.9214, 11.1975

120.0630,  
-59.1911, 38.5327

245.5380,  
-36.2542, 8.2982

96.4180, -47.5341,  
32.9594

248.8440,  
-23.5871, 5.3988

74.2460, -36.6033,  
26.9713

252.1500,  
-10.9200, 2.4994

53.2590, -26.2567,  
21.6979

32.8590, -16.1995,

15.9097

■ 11.5950, -5.7163,  
13.5102

■ 0.0000, 0.0000,  
0.0000

■ 200.2570,  
-70.1327, 48.0096

■ 200.2570,  
-70.1327, 48.0096

■ 193.1840,  
-79.4637, 54.2126

■ 207.2160,  
-61.2385, 41.9066

■ 186.2250,  
-88.3579, 60.3157

■ 214.2890,  
-51.9075, 35.7035

■ 184.2530,  
-90.8367, 62.0451

■ 221.2480,  
-43.0133, 29.6005

■ 228.3210,  
-33.6823, 23.3975

■ 235.8670,  
-25.0774, 16.7796

■ 242.9400,  
-15.7464, 10.5766

■ 249.8990, -6.8522,  
4.4736

255.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



188.6260, -46.1576, 58.2100



200.2570, -70.1327, 48.0096



194.0330, -60.6553, -5.2909

# Triad

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



200.2570, -70.1327, 48.0096



170.5370, 41.6403, -149.5609



202.1700, 26.0452, 46.3319

# Complementary

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



200.2570, -70.1327, 48.0096



112.7430, 70.1327, -48.0096

# 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.



199.7470, 27.2397, -10.3021



200.2570, -70.1327, 48.0096



166.4280, 43.6660, -145.9574

# Square

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



200.2570, -70.1327, 48.0096



162.8820, 14.8482, -142.8475



157.6230, 48.0069, -138.2354



186.7820, 17.8555, 59.8272



# Rectangle

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



200.2570, -70.1327, 48.0096



187.1060, -41.4643, -47.4510



157.6230, 48.0069, -138.2354



208.0400, 23.1513, 41.1839

# Sweetspot

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



200.2570, -70.1327, 48.0096



238.8820, -21.1408, 14.1355



123.2870, -4.5785, 115.5123



118.0260, -12.8308, 8.7472



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.



200.2570, -70.1327, 48.0096



189.2400, -84.4213, 57.6715



219.6850, -79.7107, -6.7397



124.1700, -4.5208, 3.3589



138.1150, -68.0907, 46.3801



46.1380, -22.7460, 15.6650



# Inverse Universe

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



112.7430, 70.1327, -48.0096



83.7600, 84.4213, -57.6715



93.3150, 79.7107, 6.7397



118.2430, 4.8102, -2.8441



52.8850, 68.0907, -46.3801



17.8620, 22.7460, -15.6650



# Previews

## White Background



This preview shows how the YUV color 200.2570, -70.1327, 48.0096 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 200.2570, -70.1327, 48.0096 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 200.2570, -70.1327, 48.0096

## Background



This preview shows how black text looks on a background with the YUV color 200.2570, -70.1327, 48.0096.



This preview shows how white text looks on a background with the YUV color 200.2570, -70.1327, 48.0096.



# 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

200.2570, -70.1327, 48.0096

### Protanopia

198.6030, -68.3313, 30.1662

### Deuteranopia

204.0020, -53.2450, 44.7252



## Tritanopia

211.3900, -4.6293, 38.2460

# Trichromacy



## Original Color

200.2570, -70.1327, 48.0096

## Protanomaly

199.1200, -69.0792, 36.7288

## Deuteranomaly

202.4060, -59.3602, 46.1249

## Tritanomaly

207.2230, -28.2109, 41.9004

# Monochromacy



## Original Color

200.2570, -70.1327, 48.0096

## Achromatopsia

200.0000, 0.0000, 0.0000

## Achromatomaly

200.0520, -25.6616, 17.4944

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 200.2570, -70.1327, 48.0096 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(255, 200, 58)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 58)  
}
```

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(255, 200, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 58) }
```

## Border

The CSS property to change the border of an element to YUV 200.2570, -70.1327, 48.0096 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(255, 200, 58) }
```



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

```
.border{ border-color:rgb(255, 200, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 200, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 58);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
58) }
```

# Background

The CSS property to change the background color of an element to YUV 200.2570, -70.1327, 48.0096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 58) }
```

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

```
.background{ background-color: rgb(255,  
200, 58) }
```

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