

# Converting Colors

YUV(230.3250, -86.9282,  
21.6400)

Have a look what the booklet for  
YUV(230.3250, -86.9282, 21.6400)  
contains.

<b>YUV(230.3250, -86.9282, 21.6400)</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(230.3250, -86.9282,  
21.6400)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFFC36
RGB	255, 252, 54
RGB Percent	100%, 99%, 21%
CMY	0.0000, 0.0118, 0.7882
CMYK	0.00, 0.01, 0.79, 0.00
HSL	59°, 100%, 61%
HSV	59°, 79%, 100%
XYZ	76.7163, 91.1471, 17.0398
YIQ	230.3250, 65.3460, -60.9420

# Conversions

## Conversions Part 2

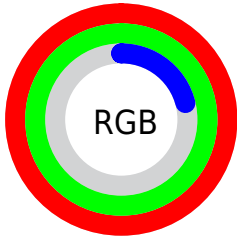
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	57, 255, 54
Decimal	16776246
CIE <sub>Lab</sub>	96.47, -19.25, 86.14
CIE <sub>LCh</sub>	96, 88.262, 102.598
Yxy	91.1471, 0.4149, 0.4929
Android (android.graphics.Color)	4294966326 (0xFFFFFC36)
YUV	230.3250, -86.9282, 21.6400
Hunter-Lab	95.4710, -23.6396, 56.2475

# Details

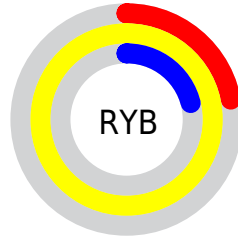
The YUV color **230.3250, -86.9282, 21.6400** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **78.6750, 86.9282, -21.6400**, and the grayscale version is **231.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.3820, -59.8413, 13.6970**, and **173.0580, -85.3176, 18.3661** is the 20% darker color. If you saturate the color by 10%, you get **227.3610, -98.2850, 24.2394**, and if you desaturate by 10%, it is **233.2890, -75.5715, 19.0405**.

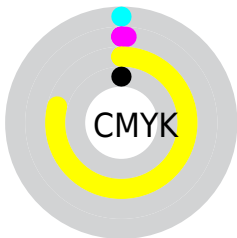
# Distribution



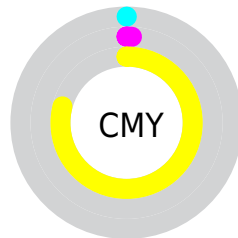
- Red (100%)
- Green (99%)
- Blue (21%)



- Red (22%)
- Yellow (100%)
- Blue (21%)



- Cyan (0%)
- Magenta (1%)
- Yellow (79%)
- Black (0%)



- Cyan (0%)
- Magenta (1%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 230.3250, -86.9282, 21.6400 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 230.3250, -86.9282, 21.6400 by changing the saturation by 10% instead.



230.3250,  
-86.9282, 21.6400

230.3250,  
-86.9282, 21.6400

255.0000, 0.0000,  
0.0000

198.4640,  
-97.8428, 22.3951

239.3820,  
-59.8413, 13.6970

173.0580,  
-85.3176, 18.3661

242.8020,  
-46.7374, 10.6976

148.2390,  
-73.0818, 13.8224

246.1080,  
-34.0702, 7.7983

123.7190,  
-60.9935, 9.8934

249.5280,  
-20.9663, 4.7989

100.3730,  
-49.4839, 4.9349

252.9480, -7.8624,  
1.7996

77.9130, -38.4111,  
0.0763

55.7520, -27.4857,

-4.1675

■ 35.0640, -17.2866,  
-8.8261

■ 16.4360, -8.1029,  
-14.4144

■ 230.3250,  
-86.9282, 21.6400

■ 230.3250,  
-86.9282, 21.6400

■ 227.3610,  
-98.2850, 24.2394

■ 233.2890,  
-75.5715, 19.0405

■ 223.9240,  
-108.9155, 27.2537

■ 236.7260,  
-64.9409, 16.0263

■ 223.5820,  
-110.2259, 27.5536

■ 239.6900,  
-53.5842, 13.4269

■ 243.1270,  
-42.9536, 10.4126

■ 245.9770,  
-32.0337, 7.9132

■ 248.9410,  
-20.6769, 5.3137

■ 252.4920, -9.6096,  
2.1995

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.



214.5390, -71.2577, 35.4843



230.3250, -86.9282, 21.6400



209.7660, -49.1846, -44.5218

# Triad

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



230.3250, -86.9282, 21.6400



178.7550, 37.5888, -156.7681



206.2790, 24.0195, 42.7283

# Complementary

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



230.3250, -86.9282, 21.6400



78.6750, 86.9282, -21.6400

# 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.



226.2370, 14.1802, 25.2252



230.3250, -86.9282, 21.6400



178.7550, 37.5888, -156.7681

# Square

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



230.3250, -86.9282, 21.6400



178.7550, 37.5888, -156.7681



212.9840, 20.7139, -64.0070



196.6810, 7.5523, 51.1458



# Rectangle

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



230.3250, -86.9282, 21.6400



175.0300, -6.4238, -133.3303



212.9840, 20.7139, -64.0070



212.1490, 21.1255, 37.5803

# Sweetspot

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



230.3250, -86.9282, 21.6400



247.4590, -26.3553, 6.6135



114.4410, -28.3184, 123.2702



123.1950, -15.8721, 4.2140



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.



230.3250, -86.9282, 21.6400



225.0640, -104.5476, 26.2539



203.0830, -73.4979, -39.5378



125.9310, -5.3890, 1.8145



167.4650, -82.5602, 20.6402



56.1170, -27.6657, 6.9134



# Inverse Universe

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



78.6750, 86.9282, -21.6400



42.3490, 104.8369, -25.7391



105.9170, 73.4979, 39.5378



116.4820, 5.6784, -1.2997



23.5350, 82.5602, -20.6402

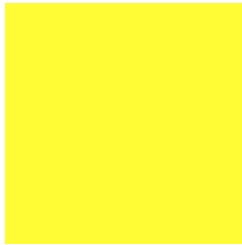


7.8830, 27.6657, -6.9134



# Previews

## White Background



This preview shows how the YUV color 230.3250, -86.9282, 21.6400 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

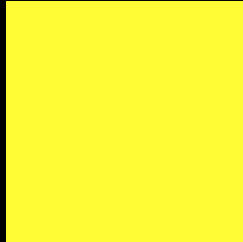
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 230.3250, -86.9282, 21.6400 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 230.3250, -86.9282, 21.6400

## Background



This preview shows how black text looks on a background with the YUV color 230.3250, -86.9282, 21.6400.



This preview shows how white text looks on a background with the YUV color 230.3250, -86.9282, 21.6400.

21.6400.

# Color Blindness Simulation

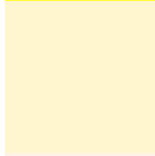
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



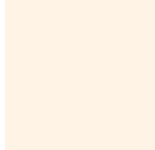
### Original Color

230.3250, -86.9282, 21.6400



### Protanopia

243.5440, -18.5092, 10.0469



### Deuteranopia

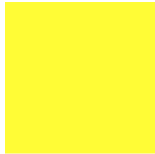
244.9920, -7.8841, 8.7770



## Tritanopia

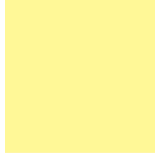
245.9840, 0.9939, 7.9070

# Trichromacy



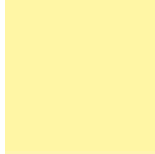
## Original Color

230.3250, -86.9282, 21.6400



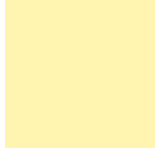
## Protanomaly

239.0350, -43.4013, 14.0013



## Deuteranomaly

239.4570, -36.7073, 13.6312



## Tritanomaly

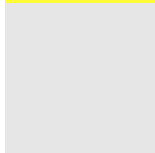
240.2380, -31.1763, 12.9463

# Monochromacy



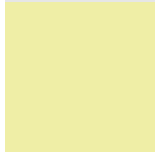
## Original Color

230.3250, -86.9282, 21.6400



## Achromatopsia

230.0000, 0.0000, 0.0000



## Achromatomaly

230.0910, -31.5969, 7.8132

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 230.3250, -86.9282, 21.6400 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, 252, 54)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 54)  
}
```

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, 252, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 54) }
```

## Border

The CSS property to change the border of an element to YUV 230.3250, -86.9282, 21.6400 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, 252, 54) }
```



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

```
.border{ border-color:rgb(255, 252, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 252, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 54);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
54) }
```

# Background

The CSS property to change the background color of an element to YUV 230.3250, -86.9282, 21.6400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 252, 54) }
```

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

```
.background{ background-color: rgb(255,  
252, 54) }
```

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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