

# Converting Colors

YUV(226.4440, -84.0289,  
25.0436)

Have a look what the booklet for  
YUV(226.4440, -84.0289, 25.0436)  
contains.

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# Color

**YUV(226.4440, -84.0289,  
25.0436)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF538
RGB	255, 245, 56
RGB Percent	100%, 96%, 22%
CMY	0.0000, 0.0392, 0.7804
CMYK	0.00, 0.04, 0.78, 0.00
HSL	57°, 100%, 61%
HSV	57°, 78%, 100%
XYZ	74.6062, 86.8503, 16.5730
YIQ	226.4440, 66.6290, -56.6590

# Conversions

## Conversions Part 2

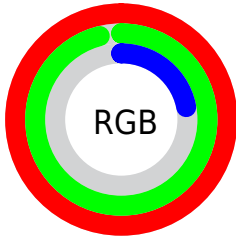
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">67, 255, 56</a>
Decimal	<a href="#">16774456</a>
CIELab	<a href="#">94.67, -15.82, 84.03</a>
CIELCh	<a href="#">95, 85.509, 100.661</a>
Yxy	<a href="#">86.8503, 0.4191, 0.4878</a>
Android (android.graphics.Color)	<a href="#">4294964536 (0xFFFFFF538)</a>
YUV	<a href="#">226.4440, -84.0289, 25.0436</a>
Hunter-Lab	<a href="#">93.1935, -20.1902, 54.6917</a>

# Details

The YUV color **226.4440, -84.0289, 25.0436** 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 **84.5560, 84.0289, -25.0436**, and the grayscale version is **227.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.4960, -59.4045, 13.5970**, and **168.9490, -83.2919, 21.9697** is the 20% darker color. If you saturate the color by 10%, you get **222.8930, -95.0962, 28.1578**, and if you desaturate by 10%, it is **229.9950, -72.9615, 21.9294**.

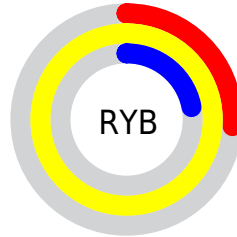
# Distribution



Red (100%)

Green (96%)

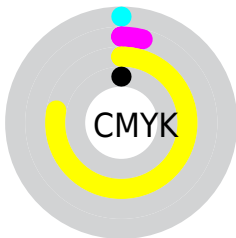
Blue (22%)



Red (26%)

Yellow (100%)

Blue (22%)

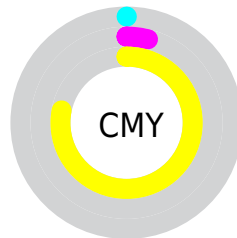


Cyan (0%)

Magenta (4%)

Yellow (78%)

Black (0%)



Cyan (0%)

Magenta (4%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 226.4440, -84.0289, 25.0436 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 226.4440, -84.0289, 25.0436 by changing the saturation by 10% instead.



226.4440,  
-84.0289, 25.0436

226.4440,  
-84.0289, 25.0436

255.0000, 0.0000,  
0.0000

194.6970,  
-94.5066, 25.6987

239.4960,  
-59.4045, 13.5970

168.9490,  
-83.2919, 21.9697

242.8020,  
-46.7374, 10.6976

144.1300,  
-71.0561, 17.4260

246.1080,  
-34.0702, 7.7983

120.1970,  
-59.2571, 12.9822

249.5280,  
-20.9663, 4.7989

96.8510, -47.7475,  
8.0237

252.9480, -7.8624,  
1.7996

74.3910, -36.6748,  
3.1651

53.1160, -26.1862,

-0.9787

■ 32.4280, -15.9870,  
-5.6374

■ 13.5010, -6.6560,  
-11.8404

■ 226.4440,  
-84.0289, 25.0436

■ 226.4440,  
-84.0289, 25.0436

■ 222.8930,  
-95.0962, 28.1578

■ 229.9950,  
-72.9615, 21.9294

■ 218.8690,  
-105.4374, 31.6869

■ 234.0190,  
-62.6204, 18.4003

■ 218.2990,  
-107.6214, 32.1868

■ 237.4560,  
-51.9898, 15.3861

■ 241.0070,  
-40.9225, 12.2719

■ 244.4440,  
-30.2919, 9.2576

■ 248.5820,  
-19.5139, 5.6286

■ 252.1330, -8.4466,  
2.5144

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.



211.5870, -67.3374, 38.0732



226.4440, -84.0289, 25.0436



210.6910, -52.1057, -40.9480

# Triad

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



226.4440, -84.0289, 25.0436



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.



226.4440, -84.0289, 25.0436



84.5560, 84.0289, -25.0436

# 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.



225.6500, 14.4696, 25.7400



226.4440, -84.0289, 25.0436



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.



226.4440, -84.0289, 25.0436



178.7550, 37.5888, -156.7681



206.7380, 23.7932, -71.6842



195.0340, 8.8572, 52.5902



# Rectangle

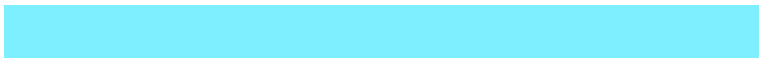
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



226.4440, -84.0289, 25.0436



185.8930, -15.2302, -108.6542



206.7380, 23.7932, -71.6842



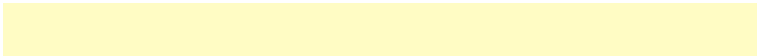
211.5620, 21.4149, 38.0951

# Sweetspot

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



226.4440, -84.0289, 25.0436



246.5130, -24.9029, 7.4431



116.9830, -23.6556, 121.0409



122.7220, -15.1459, 4.6288



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.



226.4440, -84.0289, 25.0436



220.5960, -101.3588, 30.1723



206.6000, -74.2458, -32.9752



125.9310, -5.3890, 1.8145



163.9430, -80.8239, 23.7290



54.9430, -27.0869, 7.9430



# Inverse Universe

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



84.5560, 84.0289, -25.0436



49.4040, 101.3588, -30.1723



104.4000, 74.2458, 32.9752



116.4820, 5.6784, -1.2997



27.6440, 80.5345, -24.2438

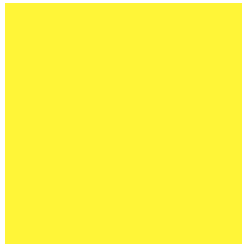


9.0570, 27.0869, -7.9430



# Previews

## White Background



This preview shows how the YUV color 226.4440, -84.0289, 25.0436 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

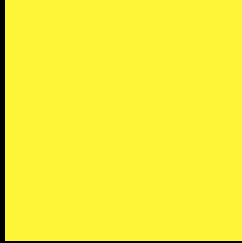
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 226.4440, -84.0289, 25.0436 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 226.4440, -84.0289, 25.0436

## Background



This preview shows how black text looks on a background with the YUV color 226.4440, -84.0289, 25.0436.



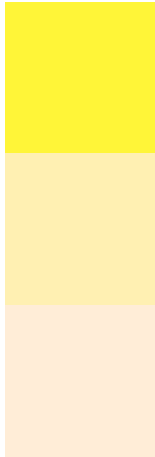
This preview shows how white text looks on a background with the YUV color 226.4440, -84.0289, 25.0436.



# 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

226.4440, -84.0289, 25.0436

### Protanopia

237.4170, -29.2926, 15.4203

### Deuteranopia

239.8740, -12.2629, 13.2655



## Tritanopia

241.3050, 0.8356, 12.0105

# Trichromacy



## Original Color

226.4440, -84.0289, 25.0436



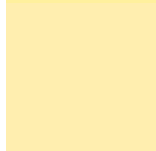
## Protanomaly

233.5750, -49.0905, 18.7897



## Deuteranomaly

235.0230, -38.4653, 17.5198



## Tritanomaly

235.9010, -30.0242, 16.7498

# Monochromacy



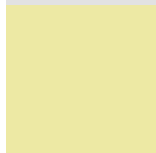
## Original Color

226.4440, -84.0289, 25.0436



## Achromatopsia

226.0000, 0.0000, 0.0000



## Achromatomaly

226.3300, -30.7287, 9.3576

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 226.4440, -84.0289, 25.0436 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, 245, 56)` looks like.

```
.text, #text, p{  
    color:rgb(255, 245, 56)  
}
```

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, 245, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 245, 56) }
```

## Border

The CSS property to change the border of an element to YUV 226.4440, -84.0289, 25.0436 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, 245, 56) }
```



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

```
.border{ border-color:rgb(255, 245, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 245, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 245, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 245, 56);  
box-shadow:4px 4px 4px 4px rgb(255, 245,  
56) }
```

# Background

The CSS property to change the background color of an element to YUV 226.4440, -84.0289, 25.0436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 245, 56) }
```

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

```
.background{ background-color: rgb(255,  
245, 56) }
```

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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