

# Converting Colors

YUV(229.2670, -75.5606,  
15.5518)

Have a look what the booklet for  
YUV(229.2670, -75.5606, 15.5518)  
contains.

<b>YUV(229.2670, -75.5606, 15.5518)</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(229.2670, -75.5606,  
15.5518)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7FA4C
RGB	247, 250, 76
RGB Percent	97%, 98%, 30%
CMY	0.0314, 0.0196, 0.7020
CMYK	0.01, 0.00, 0.70, 0.02
HSL	61°, 95%, 64%
HSV	61°, 70%, 98%
XYZ	73.8479, 88.6672, 20.0598
YIQ	229.2670, 54.0660, -54.7500

# Conversions

## Conversions Part 2

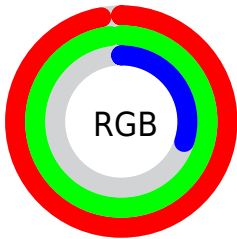
Format	Color
<a href="#">RYB</a>	<a href="#">76, 250, 79</a>
Decimal	<a href="#">16251468</a>
CIELab	<a href="#">95.44, -20.69, 78.34</a>
CIELCh	<a href="#">95, 81.024, 104.795</a>
Yxy	<a href="#">88.6672, 0.4045, 0.4856</a>
Android (android.graphics.Color)	<a href="#">4294441548 (0xFFFF7FA4C)</a>
YUV	<a href="#">229.2670, -75.5606, 15.5518</a>
Hunter-Lab	<a href="#">94.1632, -24.7964, 53.2836</a>

# Details

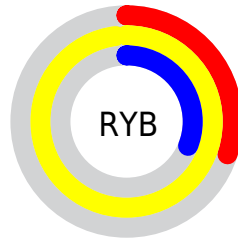
The YUV color **229.2670, -75.5606, 15.5518** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light washed yellow. A complement of this color would be **96.7330, 75.5606, -15.5518**, and the grayscale version is **230.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.3200, -52.4158, 11.9974**, and **169.7910, -83.7070, 15.0923** is the 20% darker color. If you saturate the color by 10%, you get **226.4170, -86.4806, 18.0513**, and if you desaturate by 10%, it is **232.1170, -64.6407, 13.0524**.

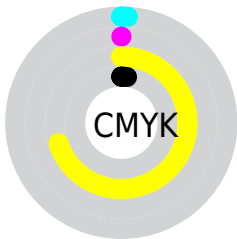
# Distribution



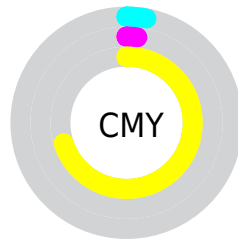
- Red (97%)
- Green (98%)
- Blue (30%)



- Red (30%)
- Yellow (98%)
- Blue (31%)



- Cyan (1%)
- Magenta (0%)
- Yellow (70%)
- Black (2%)



- Cyan (3%)
- Magenta (2%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 229.2670, -75.5606, 15.5518 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 229.2670, -75.5606, 15.5518 by changing the saturation by 10% instead.



229.2670,  
-75.5606, 15.5518

229.2670,  
-75.5606, 15.5518

255.0000, 0.0000,  
0.0000

200.0990,  
-77.4498, 14.8222

241.3200,  
-52.4158, 11.9974

169.7910,  
-83.7070, 15.0923

244.6260,  
-39.7486, 9.0980

145.2710,  
-71.6186, 11.1633

247.9320,  
-27.0815, 6.1986

120.7510,  
-59.5302, 7.2344

251.2380,  
-14.4143, 3.2993

97.7040, -48.1681,  
2.8906

254.6580, -1.3104,  
0.2999

75.2440, -37.0953,  
-1.9680

53.0830, -26.1699,

-6.2118

■ 32.0960, -15.8233,  
-11.4852

■ 15.8490, -7.8136,  
-13.8996

■ 229.2670,  
-75.5606, 15.5518

■ 229.2670,  
-75.5606, 15.5518

■ 226.4170,  
-86.4806, 18.0513

■ 232.1170,  
-64.6407, 13.0524

■ 223.2680,  
-97.2531, 19.9360

■ 235.2660,  
-53.8681, 11.1677

■ 220.4180,  
-108.1731, 22.4354

■ 238.1160,  
-42.9482, 8.6683

■ 220.3040,  
-108.6099, 22.5354

■ 241.2650,  
-32.1756, 6.7836

244.1150,  
-21.2557, 4.2841

247.2640,  
-10.4832, 2.3995

250.1140, 0.4368,  
-0.1000

250.5700, 2.1840,  
-0.4999

250.8690, 2.0366,  
0.1149

# Harmonies

## Analogous

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



217.1950, -66.1581, 33.1550



229.2670, -75.5606, 15.5518



211.0630, -42.9221, -46.5363

# Triad

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



229.2670, -75.5606, 15.5518



178.7550, 37.5888, -156.7681



208.6270, 22.8619, 40.6691

# Complementary

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



229.2670, -75.5606, 15.5518



96.7330, 75.5606, -15.5518

# 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



229.2670, -75.5606, 15.5518



178.7550, 37.5888, -156.7681

# Square

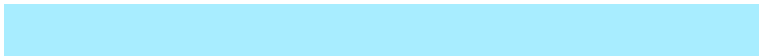
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



229.2670, -75.5606, 15.5518



178.7550, 37.5888, -156.7681



218.4210, 18.0334, -44.2192



200.1060, 2.9057, 48.1420



# Rectangle

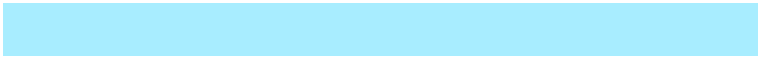
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



229.2670, -75.5606, 15.5518



184.5420, -6.1832, -117.1163



218.4210, 18.0334, -44.2192



213.3230, 20.5468, 36.5507

# Sweetspot

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



229.2670, -75.5606, 15.5518



248.5450, -23.4397, 4.7840



129.7870, -26.5170, 105.4268



124.0530, -13.8301, 2.5845



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.



229.2670, -75.5606, 15.5518



229.4080, -92.8851, 18.9362



203.2540, -62.7362, -37.9338



123.5180, -5.6784, 1.2997



166.2580, -81.9652, 16.4367



53.7470, -26.4973, 5.4839



# Inverse Universe

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



96.7330, 75.5606, -15.5518



66.2930, 93.0326, -19.5510



122.7460, 62.7362, 37.9338



113.7810, 5.5310, -0.6849



22.4430, 82.1126, -17.0515

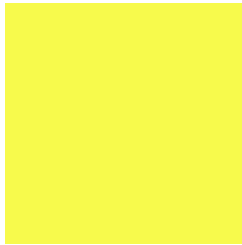


7.2530, 26.4973, -5.4839



# Previews

## White Background



This preview shows how the YUV color 229.2670, -75.5606, 15.5518 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

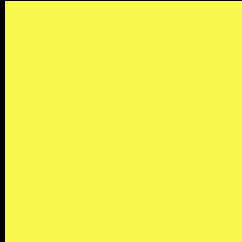
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 229.2670, -75.5606, 15.5518 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 229.2670, -75.5606, 15.5518 Background



This preview shows how black text looks on a background with the YUV color 229.2670, -75.5606, 15.5518.



This preview shows how white text looks on a background with the YUV color 229.2670, -75.5606, 15.5518.



# 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

229.2670, -75.5606, 15.5518

### Protanopia

239.9590, -24.6298, 13.1910

### Deuteranopia

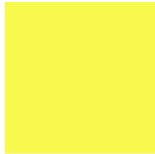
241.7320, -10.2209, 11.6360



## Tritanopia

243.6360, 2.1515, 9.9662

# Trichromacy



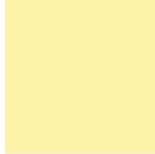
## Original Color

229.2670, -75.5606, 15.5518



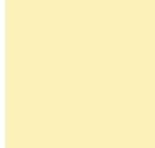
## Protanomaly

236.1490, -42.9645, 13.9013



## Deuteranomaly

237.1410, -34.0865, 13.0313



## Tritanomaly

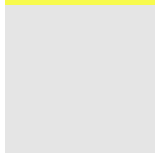
238.4920, -26.3716, 11.8465

# Monochromacy



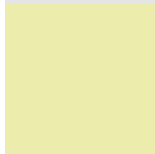
## Original Color

229.2670, -75.5606, 15.5518



## Achromatopsia

229.0000, 0.0000, 0.0000



## Achromatomaly

229.4050, -27.8077, 5.7838

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 229.2670, -75.5606, 15.5518 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(247, 250, 76)` looks like.

```
.text, #text, p{  
    color:rgb(247, 250, 76)  
}
```

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(247, 250, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 250, 76) }
```

## Border

The CSS property to change the border of an element to YUV 229.2670, -75.5606, 15.5518 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(247, 250, 76) }
```



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

```
.border{ border-color:rgb(247, 250, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 250, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 250, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 250, 76);  
box-shadow:4px 4px 4px 4px rgb(247, 250,  
76) }
```

# Background

The CSS property to change the background color of an element to YUV 229.2670, -75.5606, 15.5518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 250, 76) }
```

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

```
.background{ background-color: rgb(247,  
250, 76) }
```

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