

# Converting Colors

YUV(229.5090, -86.0329,  
14.4626)

Have a look what the booklet for  
YUV(229.5090, -86.0329, 14.4626)  
contains.

<b>YUV(229.5090, -86.0329, 14.4626)</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(229.5090, -86.0329,  
14.4626)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6FF37
RGB	246, 255, 55
RGB Percent	96%, 100%, 22%
CMY	0.0353, 0.0000, 0.7843
CMYK	0.04, 0.00, 0.78, 0.00
HSL	63°, 100%, 61%
HSV	63°, 78%, 100%
XYZ	74.4556, 91.3887, 17.3300
YIQ	229.5090, 58.8360, -64.1080

# Conversions

## Conversions Part 2

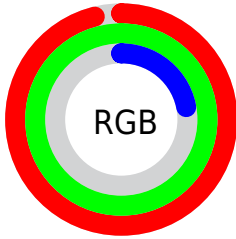
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	55, 255, 64
Decimal	16187191
CIE Lab	96.57, -24.30, 85.70
CIE LCh	97, 89.077, 105.829
Yxy	91.3887, 0.4065, 0.4989
Android (android.graphics.Color)	4294377271 (0xFFFF6FF37)
YUV	229.5090, -86.0329, 14.4626
Hunter-Lab	95.5974, -28.2716, 56.1701

# Details

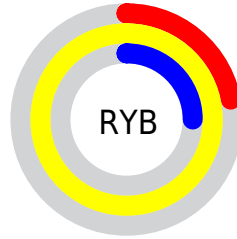
The YUV color  $229.5090, -86.0329, 14.4626$  is a light color, and the websafe version is hex  $FFFF33$ . The color can be described as light washed yellow. A complement of this color would be  $80.4910, 86.0329, -14.4626$ , and the grayscale version is  $230.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $239.4960, -59.4045, 13.5970$ , and  $172.1280, -84.8591, 11.2887$  is the 20% darker color. If you saturate the color by 10%, you get  $226.2460, -97.2423, 16.4473$ , and if you desaturate by 10%, it is  $232.7720, -74.8236, 12.4780$ .

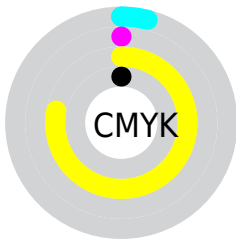
# Distribution



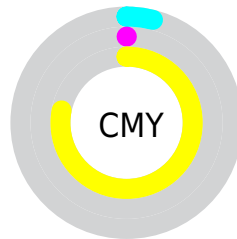
- Red (96%)
- Green (100%)
- Blue (22%)



- Red (22%)
- Yellow (100%)
- Blue (25%)



- Cyan (4%)
- Magenta (0%)
- Yellow (78%)
- Black (0%)



- Cyan (4%)
- Magenta (0%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 229.5090, -86.0329, 14.4626 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 229.5090, -86.0329, 14.4626 by changing the saturation by 10% instead.



229.5090,  
-86.0329, 14.4626

229.5090,  
-86.0329, 14.4626

255.0000, 0.0000,  
0.0000

197.2460,  
-97.2423, 16.4473

239.4960,  
-59.4045, 13.5970

172.1280,  
-84.8591, 11.2887

242.9160,  
-46.3006, 10.5977

147.0210,  
-72.4814, 7.8746

246.2220,  
-33.6334, 7.6983

123.0880,  
-60.6824, 3.4308

249.6420,  
-20.5295, 4.6990

99.1550, -48.8834,  
-1.0129

253.0620, -7.4256,  
1.6996

76.6950, -37.8106,  
-5.8715

54.2350, -26.7379,

-10.7301

■ 32.3620, -15.9545,  
-16.1035

■ 17.6100, -8.6817,  
-15.4440

■ 229.5090,  
-86.0329, 14.4626

■ 229.5090,  
-86.0329, 14.4626

■ 226.2460,  
-97.2423, 16.4473

■ 232.7720,  
-74.8236, 12.4780

■ 223.0970,  
-108.0148, 18.3319

■ 235.9210,  
-64.0511, 10.5933

■ 222.6410,  
-109.7620, 18.7318

■ 239.1840,  
-52.8417, 8.6086

■ 242.6320,  
-42.2166, 7.3387

■ 245.7810,  
-31.4440, 5.4541

■ 249.0440,  
-20.2347, 3.4694

■ 252.3070, -9.0254,  
1.4848

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.



215.9750, -75.9097, 34.2249



229.5090, -86.0329, 14.4626



206.2640, -44.5002, -53.7285

# Triad

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



229.5090, -86.0329, 14.4626



178.7550, 37.5888, -156.7681



204.5180, 24.8876, 44.2727

# Complementary

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



229.5090, -86.0329, 14.4626



80.4910, 86.0329, -14.4626

# 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.



223.8890, 15.3377, 27.2843



229.5090, -86.0329, 14.4626



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.



229.5090, -86.0329, 14.4626



178.7550, 37.5888, -156.7681



218.1000, 18.1917, -48.3227



195.6550, 3.6211, 52.0456



# Rectangle

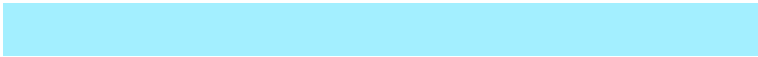
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



229.5090, -86.0329, 14.4626



169.1790, 0.8978, -148.3700



218.1000, 18.1917, -48.3227



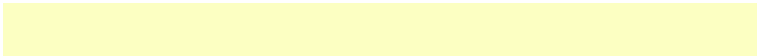
209.8010, 22.2831, 39.6395

# Sweetspot

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



229.5090, -86.0329, 14.4626



247.1490, -26.2025, 4.2543



118.9090, -31.5071, 119.3518



123.1840, -15.8667, 2.4696



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.



229.5090, -86.0329, 14.4626



224.3510, -103.2100, 17.2322



200.2070, -71.5871, -45.7855



126.2190, -5.5310, 0.6849



166.8340, -82.2492, 14.1776



55.8070, -27.5129, 4.5543



# Inverse Universe

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



80.4910, 86.0329, -14.4626



45.6490, 103.2100, -17.2322



109.7930, 71.5871, 45.7855



116.4820, 5.6784, -1.2997



24.4650, 82.1018, -13.5628

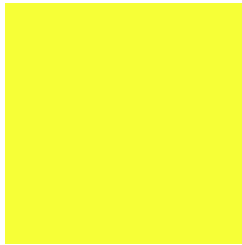


8.1930, 27.5129, -4.5543



# Previews

## White Background



This preview shows how the YUV color 229.5090, -86.0329, 14.4626 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

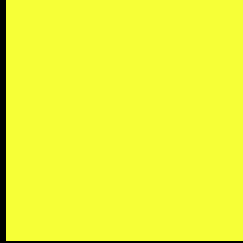
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 229.5090, -86.0329, 14.4626 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 229.5090, -86.0329, 14.4626

## Background



This preview shows how black text looks on a background with the YUV color 229.5090, -86.0329, 14.4626.



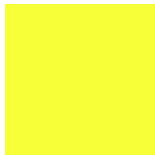
This preview shows how white text looks on a background with the YUV color 229.5090, -86.0329, 14.4626.



# Color Blindness Simulation

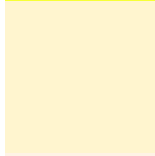
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



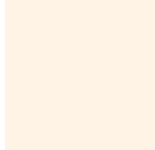
### Original Color

229.5090, -86.0329, 14.4626



### Protanopia

243.6580, -18.0724, 9.9469



### Deuteranopia

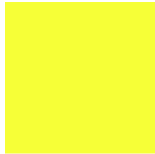
244.9920, -7.8841, 8.7770



## Tritanopia

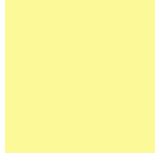
246.3260, 2.3043, 7.6071

# Trichromacy



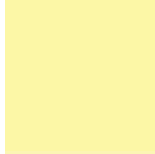
## Original Color

229.5090, -86.0329, 14.4626



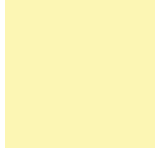
## Protanomaly

238.8390, -42.8116, 11.5422



## Deuteranomaly

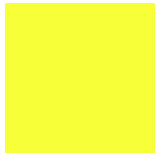
239.2610, -36.1177, 11.1721



## Tritanomaly

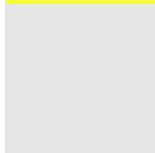
240.2700, -29.7131, 10.2872

# Monochromacy



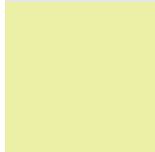
## Original Color

229.5090, -86.0329, 14.4626



## Achromatopsia

230.0000, 0.0000, 0.0000



## Achromatomaly

229.7810, -31.4440, 5.4541

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 229.5090, -86.0329, 14.4626 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(246, 255, 55)` looks like.

```
.text, #text, p{  
    color:rgb(246, 255, 55)  
}
```

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(246, 255, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 255, 55) }
```

## Border

The CSS property to change the border of an element to YUV 229.5090, -86.0329, 14.4626 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(246, 255, 55) }
```



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

```
.border{ border-color:rgb(246, 255, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 255, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 255, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 255, 55);  
box-shadow:4px 4px 4px 4px rgb(246, 255,  
55) }
```

# Background

The CSS property to change the background color of an element to YUV 229.5090, -86.0329, 14.4626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 255, 55) }
```

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

```
.background{ background-color: rgb(246,  
255, 55) }
```

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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