

# Converting Colors

YUV(219.4810, -80.1031,  
25.8882)

Have a look what the booklet for  
YUV(219.4810, -80.1031, 25.8882)  
contains.

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# Color

**YUV(219.4810, -80.1031,  
25.8882)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9EC39
RGB	249, 236, 57
RGB Percent	98%, 93%, 22%
CMY	0.0235, 0.0745, 0.7765
CMYK	0.00, 0.05, 0.77, 0.02
HSL	56°, 94%, 60%
HSV	56°, 77%, 98%
XYZ	69.8009, 80.4261, 15.7158
YIQ	219.4810, 65.2070, -52.9130

# Conversions

## Conversions Part 2

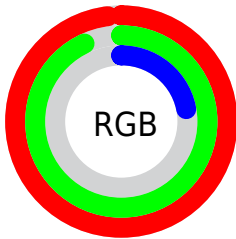
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 249, 57
Decimal	16378937
CIE <sub>Lab</sub>	91.88, -13.88, 81.08
CIE <sub>LCh</sub>	92, 82.260, 99.712
Yxy	80.4261, 0.4206, 0.4847
Android (android.graphics.Color)	4294569017 (0xFFFF9EC39)
YUV	219.4810, -80.1031, 25.8882
Hunter-Lab	89.6806, -18.0095, 52.3863

# Details

The YUV color **219.4810, -80.1031, 25.8882** 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 **86.5190, 80.1031, -25.8882**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.3820, -59.8413, 13.6970**, and **162.4590, -80.0923, 22.3995** is the 20% darker color. If you saturate the color by 10%, you get **215.4570, -90.4443, 29.4172**, and if you desaturate by 10%, it is **223.5050, -69.7620, 22.3591**.

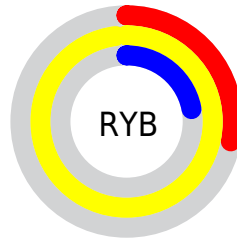
# Distribution



Red (98%)

Green (93%)

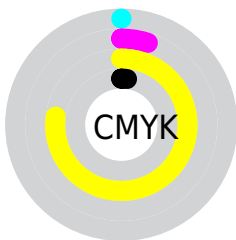
Blue (22%)



Red (28%)

Yellow (98%)

Blue (22%)

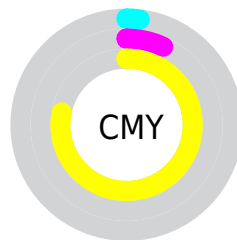


Cyan (0%)

Magenta (5%)

Yellow (77%)

Black (2%)



Cyan (2%)

Magenta (7%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 219.4810, -80.1031, 25.8882 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 219.4810, -80.1031, 25.8882 by changing the saturation by 10% instead.



219.4810,  
-80.1031, 25.8882

219.4810,  
-80.1031, 25.8882

255.0000, 0.0000,  
0.0000

188.4180,  
-87.9601, 25.9434

239.3820,  
-59.8413, 13.6970

162.4590,  
-80.0923, 22.3995

242.6880,  
-47.1742, 10.7976

137.9390,  
-68.0039, 18.4705

245.9940,  
-34.5070, 7.8983

114.0060,  
-56.2050, 14.0267

249.4140,  
-21.4031, 4.8989

90.6600, -44.6954,  
9.0682

252.7200, -8.7360,  
1.9996

69.0860, -34.0594,  
4.3096

47.5120, -23.4234,

-0.4490

■ 27.1230, -13.3716,  
-4.4929

■ 7.6310, -3.7621,  
-6.6924

■ 219.4810,  
-80.1031, 25.8882

■ 219.4810,  
-80.1031, 25.8882

■ 215.4570,  
-90.4443, 29.4172

■ 223.5050,  
-69.7620, 22.3591

■ 212.0200,  
-101.0749, 32.4315

■ 226.9420,  
-59.1314, 19.3449

■ 210.6350,  
-103.8431, 33.6461

■ 230.9660,  
-48.7902, 15.8158

■ 234.9900,  
-38.4491, 12.2868

■ 238.3130,  
-28.2553, 9.3725

■ 242.3370,  
-17.9141, 5.8435

■ 246.3610, -7.5730,  
2.3144

■ 249.6840, 2.6208,  
-0.5999

■ 250.8580, 2.0420,  
-1.6295

# Harmonies

## Analogous

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



207.0050, -64.5855, 42.0916



219.4810, -80.1031, 25.8882



209.9360, -53.7054, -41.1629

# Triad

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



219.4810, -80.1031, 25.8882



178.7550, 37.5888, -156.7681



203.9310, 25.1770, 44.7875

# Complementary

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



219.4810, -80.1031, 25.8882



86.5190, 80.1031, -25.8882

# 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.



222.7150, 15.9165, 28.3139



219.4810, -80.1031, 25.8882



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.



219.4810, -80.1031, 25.8882



178.7550, 37.5888, -156.7681



200.2370, 26.9982, -72.9988



192.2300, 8.2676, 55.0493



# Rectangle

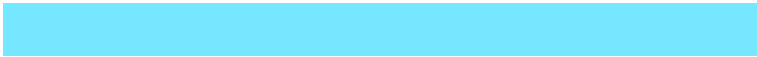
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



219.4810, -80.1031, 25.8882



188.0850, -19.7619, -101.8065



200.2370, 26.9982, -72.9988



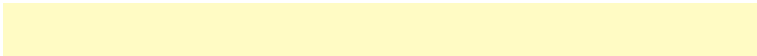
209.2140, 22.5725, 40.1543

# Sweetspot

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



219.4810, -80.1031, 25.8882



245.9260, -24.6135, 7.9579



116.2320, -21.3134, 116.4375



122.1350, -14.8566, 5.1436



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.



219.4810, -80.1031, 25.8882



218.5900, -98.8909, 31.9316



203.1920, -72.0727, -29.9864



122.9310, -5.3890, 1.8145



159.8230, -78.7927, 25.5882



51.6980, -25.4871, 8.1579



# Inverse Universe

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



86.5190, 80.1031, -25.8882



54.4100, 98.8909, -31.9316



102.8080, 72.0727, 29.9864



114.0690, 5.3890, -1.8145



29.1770, 78.7927, -25.5882

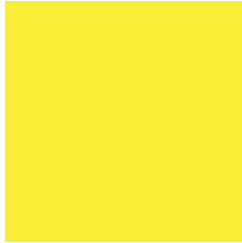


9.3020, 25.4871, -8.1579



# Previews

## White Background



This preview shows how the YUV color 219.4810, -80.1031, 25.8882 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

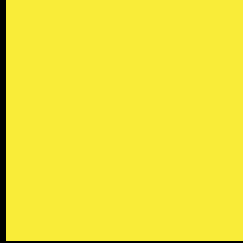
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 219.4810, -80.1031, 25.8882 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 219.4810, -80.1031, 25.8882 Background



This preview shows how black text looks on a background with the YUV color 219.4810, -80.1031, 25.8882.



This preview shows how white text looks on a background with the YUV color 219.4810, -80.1031,



# 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

219.4810, -80.1031, 25.8882

### Protanopia

225.9950, -52.7485, 25.4374

### Deuteranopia

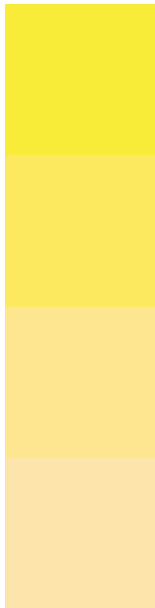
231.3820, -19.4153, 20.7130



## Tritanopia

234.0500, 0.9614, 18.3732

# Trichromacy



## Original Color

219.4810, -80.1031, 25.8882

## Protanomaly

223.3620, -62.7895, 25.9925

## Deuteranomaly

226.9590, -41.3918, 22.8380

## Tritanomaly

228.9770, -28.5827, 21.0682

# Monochromacy



## Original Color

219.4810, -80.1031, 25.8882

## Achromatopsia

219.0000, 0.0000, 0.0000

## Achromatomaly

219.0850, -29.1289, 9.5725

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 219.4810, -80.1031, 25.8882 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(249, 236, 57)` looks like.

```
.text, #text, p{  
    color:rgb(249, 236, 57)  
}
```

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(249, 236, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 236, 57) }
```

## Border

The CSS property to change the border of an element to YUV 219.4810, -80.1031, 25.8882 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(249, 236, 57) }
```



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

```
.border{ border-color:rgb(249, 236, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 236, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 236, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 236, 57);  
box-shadow:4px 4px 4px 4px rgb(249, 236,  
57) }
```

# Background

The CSS property to change the background color of an element to YUV 219.4810, -80.1031, 25.8882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 236, 57) }
```

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

```
.background{ background-color: rgb(249,  
236, 57) }
```

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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