

Converting Colors

YUV(234.9880, -69.0141,
15.7965)

Have a look what the booklet for
YUV(234.9880, -69.0141, 15.7965)
contains.

YUV(234.9880, -69.0141, 15.7965)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(234.9880, -69.0141,
15.7965)**

Conversions

Conversions Part 1

Format	Color
Hex	FD5DFD
RGB	253, 253, 95
RGB Percent	99%, 99%, 37%
CMY	0.0078, 0.0078, 0.6275
CMYK	0.00, 0.00, 0.62, 0.01
HSL	60°, 98%, 68%
HSV	60°, 62%, 99%
XYZ	77.6989, 91.9594, 24.4813
YIQ	234.9880, 50.7180, -49.1380

Conversions

Conversions Part 2

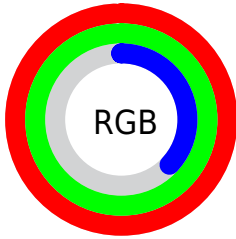
Format	Color
R_{YB}	95, 253, 95
Decimal	16645471
CIE Lab	96.80, -18.71, 72.87
CIE LCh	97, 75.237, 104.398
Yxy	91.9594, 0.4002, 0.4737
Android (android.graphics.Color)	4294835551 (0xFFFD5F)
YUV	234.9880, -69.0141, 15.7965
Hunter-Lab	95.8955, -23.1883, 51.9906

Details

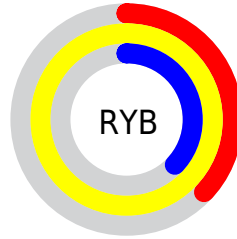
The YUV color **234.9880, -69.0141, 15.7965** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **113.0120, 69.0141, -15.7965**, and the grayscale version is **236.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.2580, -44.9902, 10.2977**, and **176.9940, -71.4820, 14.0373** is the 20% darker color. If you saturate the color by 10%, you get **232.1380, -79.9340, 18.2960**, and if you desaturate by 10%, it is **237.8380, -58.0941, 13.2971**.

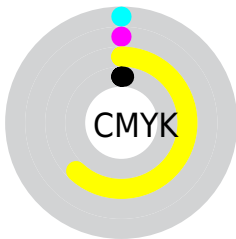
Distribution



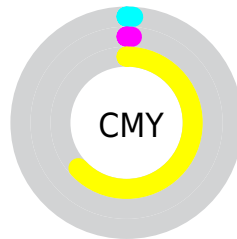
- Red (99%)
- Green (99%)
- Blue (37%)



- Red (37%)
- Yellow (99%)
- Blue (37%)



- Cyan (0%)
- Magenta (0%)
- Yellow (62%)
- Black (1%)



- Cyan (1%)
- Magenta (1%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 234.9880, -69.0141, 15.7965 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 234.9880, -69.0141, 15.7965 by changing the saturation by 10% instead.

234.9880,
-69.0141, 15.7965

234.9880,
-69.0141, 15.7965

255.0000, 0.0000,
0.0000

205.6890,
-68.8667, 15.1817

243.2580,
-44.9902, 10.2977

176.9940,
-71.4820, 14.0373

246.4500,
-32.7599, 7.4983

148.2390,
-73.0818, 13.8224

249.7560,
-20.0927, 4.5990

124.3060,
-61.2829, 9.3786

253.1760, -6.9888,
1.5996

101.2590,
-49.9207, 5.0349

78.5110, -38.7059,
1.3059

56.9370, -28.0699,

-3.4527

■ 35.6620, -17.5814,
-7.5966

■ 16.4360, -8.1029,
-14.4144

■ 234.9880,
-69.0141, 15.7965

■ 234.9880,
-69.0141, 15.7965

■ 232.1380,
-79.9340, 18.2960

■ 237.8380,
-58.0941, 13.2971

■ 229.1740,
-91.2908, 20.8954

■ 240.8020,
-46.7374, 10.6976

■ 226.3240,
-102.2107, 23.3949

■ 243.6520,
-35.8174, 8.1982

■ 224.1580,
-110.5099, 25.2944

■ 246.5020,
-24.8975, 5.6987

249.4660,
-13.5407, 3.0993

252.3160, -2.6208,
0.5999

253.2280, 0.8736,
-0.2000

Harmonies

Analogous

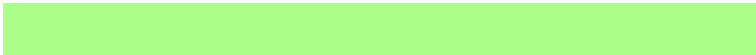
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



221.5950, -59.4533, 29.2962



234.9880, -69.0141, 15.7965



216.3180, -39.5968, -39.7439

Triad

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



234.9880, -69.0141, 15.7965



178.7550, 37.5888, -156.7681



215.0840, 19.6786, 35.0063

Complementary

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



234.9880, -69.0141, 15.7965



113.0120, 69.0141, -15.7965

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.



229.7590, 12.4438, 22.1364



234.9880, -69.0141, 15.7965



178.7550, 37.5888, -156.7681

Square

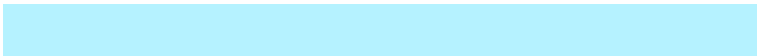
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



234.9880, -69.0141, 15.7965



178.7550, 37.5888, -156.7681



225.2430, 14.6702, -38.8011



207.3610, 2.7800, 41.7794

Rectangle

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



234.9880, -69.0141, 15.7965



197.1150, -8.4377, -93.9399



225.2430, 14.6702, -38.8011



219.1930, 17.6529, 31.4027

Sweetspot

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



234.9880, -69.0141, 15.7965



249.5280, -20.9663, 4.7989



142.2420, -23.2903, 97.1348



124.5800, -13.1039, 2.9993



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.



234.9880, -69.0141, 15.7965



233.2260, -83.4284, 19.0958



211.3670, -57.3689, -32.7709



126.5180, -5.6784, 1.2997



169.2260, -83.4284, 19.0958



56.7040, -27.9551, 6.3986

Inverse Universe

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



113.0120, 69.0141, -15.7965



85.7740, 83.4284, -19.0958



136.6330, 57.3689, 32.7709



116.4820, 5.6784, -1.2997



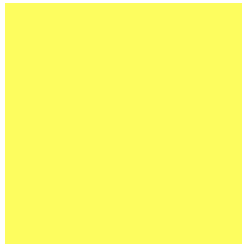
21.7740, 83.4284, -19.0958



7.2960, 27.9551, -6.3986

Previews

White Background



This preview shows how the YUV color 234.9880, -69.0141, 15.7965 looks on a white background.

Color Contrast Check

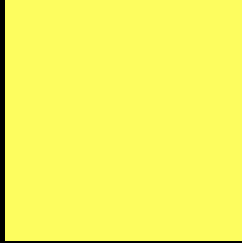
Large Text (above 18pt) WCAG AA × Fail

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 234.9880, -69.0141, 15.7965 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 234.9880, -69.0141, 15.7965

Background



This preview shows how black text looks on a background with the YUV color 234.9880, -69.0141, 15.7965.



This preview shows how white text looks on a background with the YUV color 234.9880, -69.0141, 15.7965.

Color Blindness Simulation

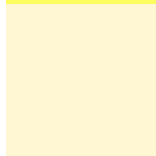
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



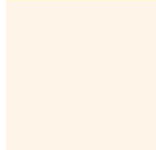
Original Color

234.9880, -69.0141, 15.7965



Protanopia

244.8150, -16.1778, 8.9322



Deuteranopia

245.9210, -6.8631, 7.9623



Tritanopia

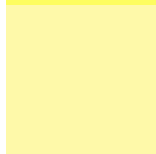
246.7990, 1.5781, 7.1923

Trichromacy



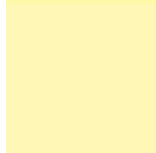
Original Color

234.9880, -69.0141, 15.7965



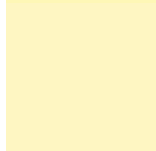
Protanomaly

241.3750, -35.6809, 11.0721



Deuteranomaly

241.6830, -29.4237, 10.8020



Tritanomaly

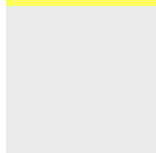
242.4640, -23.8928, 10.1171

Monochromacy



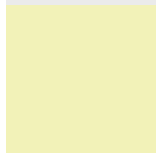
Original Color

234.9880, -69.0141, 15.7965



Achromatopsia

235.0000, 0.0000, 0.0000



Achromatomaly

235.3880, -25.3343, 5.7987

CSS Examples

Text

The CSS property to change the color of the text to YUV 234.9880, -69.0141, 15.7965 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(253, 253, 95)` looks like.

```
.text, #text, p{  
    color:rgb(253, 253, 95)  
}
```

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(253, 253, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 253, 95) }
```

Border

The CSS property to change the border of an element to YUV 234.9880, -69.0141, 15.7965 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(253, 253, 95) }
```


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

```
.border{ border-color:rgb(253, 253, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 253, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 253, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 253, 95);  
box-shadow:4px 4px 4px 4px rgb(253, 253,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 234.9880, -69.0141, 15.7965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 253, 95) }
```

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

```
.background{ background-color: rgb(253,  
253, 95) }
```

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