

Converting Colors

YUV(230.8440, -77.3241,
21.1848)

Have a look what the booklet for
YUV(230.8440, -77.3241, 21.1848)
contains.

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Color

**YUV(230.8440, -77.3241,
21.1848)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF94A
RGB	255, 249, 74
RGB Percent	100%, 98%, 29%
CMY	0.0000, 0.0235, 0.7098
CMYK	0.00, 0.02, 0.71, 0.00
HSL	58°, 100%, 65%
HSV	58°, 71%, 100%
XYZ	76.3517, 89.5058, 19.7307
YIQ	230.8440, 59.7510, -53.1530

Conversions

Conversions Part 2

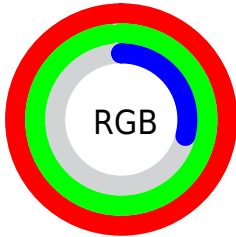
Format	Color
R_{YB}	80, 255, 74
Decimal	16775498
CIE _{Lab}	95.79, -17.06, 79.57
CIE _{LCh}	96, 81.376, 102.103
Yxy	89.5058, 0.4114, 0.4823
Android (android.graphics.Color)	4294965578 (0xFFFFF94A)
YUV	230.8440, -77.3241, 21.1848
Hunter-Lab	94.6075, -21.5071, 53.8601

Details

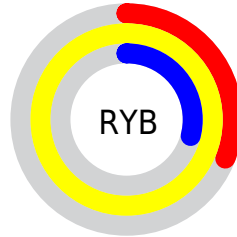
The YUV color **230.8440, -77.3241, 21.1848** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **98.1560, 77.3241, -21.1848**, and the grayscale version is **232.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.0920, -53.2894, 12.1973**, and **171.2970, -84.4494, 19.9105** is the 20% darker color. If you saturate the color by 10%, you get **227.4070, -87.9547, 24.1991**, and if you desaturate by 10%, it is **234.3950, -66.2567, 18.0706**.

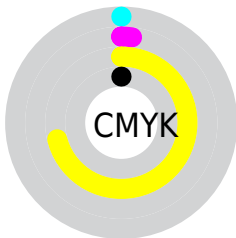
Distribution



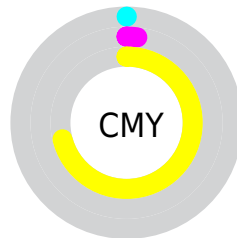
- Red (100%)
- Green (98%)
- Blue (29%)



- Red (31%)
- Yellow (100%)
- Blue (29%)



- Cyan (0%)
- Magenta (2%)
- Yellow (71%)
- Black (0%)



- Cyan (0%)
- Magenta (2%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 230.8440, -77.3241, 21.1848 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 230.8440, -77.3241, 21.1848 by changing the saturation by 10% instead.

230.8440,
-77.3241, 21.1848

230.8440,
-77.3241, 21.1848

255.0000, 0.0000,
0.0000

201.2630,
-79.5027, 19.9403

241.0920,
-53.2894, 12.1973

171.2970,
-84.4494, 19.9105

244.3980,
-40.6222, 9.2980

146.7770,
-72.3611, 15.9816

247.7040,
-27.9551, 6.3986

122.8440,
-60.5621, 11.5378

251.1240,
-14.8511, 3.3993

99.2100, -48.9105,
7.7088

254.4300, -2.1840,
0.4999

76.4510, -37.6903,
2.2355

55.1760, -27.2018,

-1.9084

■ 34.4880, -17.0026,
-6.5670

■ 15.2620, -7.5242,
-13.3848

■ 230.8440,
-77.3241, 21.1848

■ 230.8440,
-77.3241, 21.1848

■ 227.4070,
-87.9547, 24.1991

■ 234.3950,
-66.2567, 18.0706

■ 223.8560,
-99.0220, 27.3133

■ 237.8320,
-55.6262, 15.0563

■ 221.2340,
-109.0684, 29.6128

■ 241.3830,
-44.5588, 11.9421

■ 244.2330,
-33.6389, 9.4427

■ 247.7840,
-22.5715, 6.3284

■ 251.2210,
-11.9410, 3.3142

254.7720, -0.8736,
0.2000

255.0000, 0.0000,
0.0000

Harmonies

Analogous

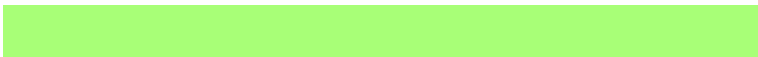
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



216.3630, -64.2690, 33.8846



230.8440, -77.3241, 21.1848



213.4830, -46.5801, -39.8886

Triad

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



230.8440, -77.3241, 21.1848



178.7550, 37.5888, -156.7681



210.3880, 21.9937, 39.1247

Complementary

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



230.8440, -77.3241, 21.1848



98.1560, 77.3241, -21.1848

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.



227.4110, 13.6014, 24.1956



230.8440, -77.3241, 21.1848



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.



230.8440, -77.3241, 21.1848



178.7550, 37.5888, -156.7681



215.9850, 19.2344, -56.1148



201.0180, 6.4001, 47.3422

Rectangle

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



230.8440, -77.3241, 21.1848



191.0340, -12.3418, -101.7618



215.9850, 19.2344, -56.1148



215.0840, 19.6786, 35.0063

Sweetspot

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



230.8440, -77.3241, 21.1848



247.6700, -23.0083, 6.4284



128.8030, -24.0599, 110.6748



123.1780, -13.3988, 4.2289



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.



230.8440, -77.3241, 21.1848



226.1530, -92.7594, 25.2988



209.2500, -66.6783, -33.5453



125.9310, -5.3890, 1.8145



165.7040, -81.6921, 22.1846



55.5300, -27.3763, 7.4282

Inverse Universe

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



98.1560, 77.3241, -21.1848



66.8470, 92.7594, -25.2988



119.7500, 66.6783, 33.5453



116.4820, 5.6784, -1.2997



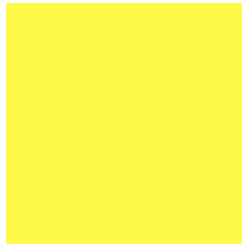
25.2960, 81.6921, -22.1846



8.4700, 27.3763, -7.4282

Previews

White Background



This preview shows how the YUV color 230.8440, -77.3241, 21.1848 looks on a white background.

Color Contrast Check

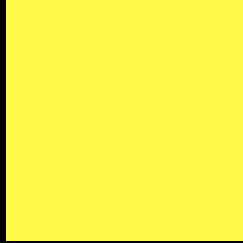
Large Text (above 18pt) WCAG AA × Fail

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 230.8440, -77.3241, 21.1848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

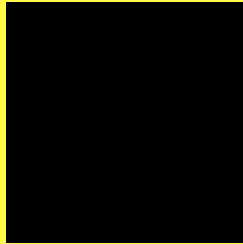
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 230.8440, -77.3241, 21.1848

Background



This preview shows how black text looks on a background with the YUV color 230.8440, -77.3241, 21.1848.



This preview shows how white text looks on a background with the YUV color 230.8440, -77.3241, 21.1848.

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

230.8440, -77.3241, 21.1848

Protanopia

241.2300, -22.2984, 12.0763

Deuteranopia

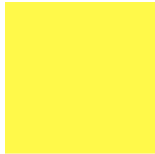
243.2480, -9.4893, 10.3065



Tritanopia

243.9950, 0.9885, 9.6514

Trichromacy



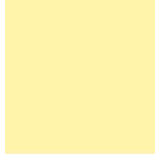
Original Color

230.8440, -77.3241, 21.1848



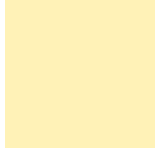
Protanomaly

237.3880, -42.0963, 15.4457



Deuteranomaly

238.7390, -34.3813, 14.2609



Tritanomaly

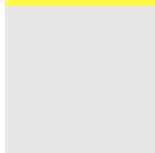
239.1610, -27.6874, 13.8908

Monochromacy



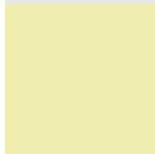
Original Color

230.8440, -77.3241, 21.1848



Achromatopsia

231.0000, 0.0000, 0.0000



Achromatomaly

231.3020, -28.2499, 7.6281

CSS Examples

Text

The CSS property to change the color of the text to YUV 230.8440, -77.3241, 21.1848 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, 249, 74)` looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 74)  
}
```

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, 249, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 74) }
```

Border

The CSS property to change the border of an element to YUV 230.8440, -77.3241, 21.1848 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, 249, 74) }
```


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

```
.border{ border-color:rgb(255, 249, 74) }
```

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

Here you see how a box with a 4 pixel rgb(255, 249, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 74);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 230.8440, -77.3241, 21.1848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 249, 74) }
```

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

```
.background{ background-color: rgb(255,  
249, 74) }
```

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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