

Converting Colors

YUV(231.4470, -78.6074,
12.7630)

Have a look what the booklet for
YUV(231.4470, -78.6074, 12.7630)
contains.

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Color

**YUV(231.4470, -78.6074,
12.7630)**

Conversions

Conversions Part 1

Format	Color
Hex	F6FF48
RGB	246, 255, 72
RGB Percent	96%, 100%, 28%
CMY	0.0353, 0.0000, 0.7176
CMYK	0.04, 0.00, 0.72, 0.00
HSL	63°, 100%, 64%
HSV	63°, 72%, 100%
XYZ	74.9357, 91.5807, 19.8582
YIQ	231.4470, 53.3790, -58.8210

Conversions

Conversions Part 2

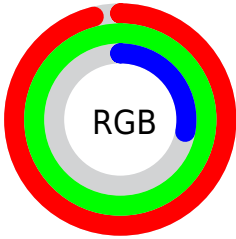
Format	Color
R_{YB}	72, 255, 81
Decimal	16187208
CIE _{Lab}	96.65, -23.65, 80.80
CIE _{LCh}	97, 84.191, 106.313
Yxy	91.5807, 0.4021, 0.4914
Android (android.graphics.Color)	4294377288 (0xFFFF6FF48)
YUV	231.4470, -78.6074, 12.7630
Hunter-Lab	95.6978, -27.6976, 54.6852

Details

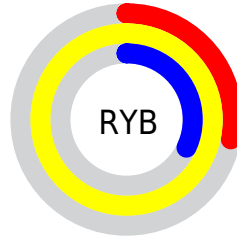
The YUV color **231.4470, -78.6074, 12.7630** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **95.5530, 78.6074, -12.7630**, and the grayscale version is **232.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.9780, -53.7262, 12.2973**, and **171.8400, -84.7171, 12.4183** is the 20% darker color. If you saturate the color by 10%, you get **228.2980, -89.3799, 14.6477**, and if you desaturate by 10%, it is **234.7100, -67.3980, 10.7783**.

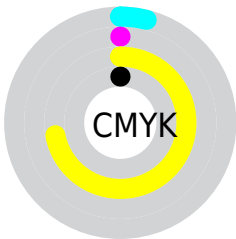
Distribution



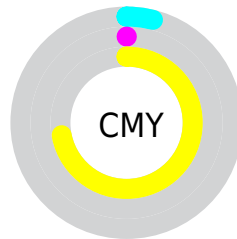
- Red (96%)
- Green (100%)
- Blue (28%)



- Red (28%)
- Yellow (100%)
- Blue (32%)



- Cyan (4%)
- Magenta (0%)
- Yellow (72%)
- Black (0%)



- Cyan (4%)
- Magenta (0%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 231.4470, -78.6074, 12.7630 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 231.4470, -78.6074, 12.7630 by changing the saturation by 10% instead.

231.4470,
-78.6074, 12.7630

231.4470,
-78.6074, 12.7630

255.0000, 0.0000,
0.0000

201.3500,
-81.5176, 12.8480

240.9780,
-53.7262, 12.2973

171.8400,
-84.7171, 12.4183

244.2840,
-41.0590, 9.3979

147.0210,
-72.4814, 7.8746

247.5900,
-28.3919, 6.4986

123.3870,
-60.8298, 4.0456

251.0100,
-15.2879, 3.4992

99.7530, -49.1782,
0.2166

254.4300, -2.1840,
0.4999

76.9940, -37.9580,
-5.2567

54.8330, -27.0327,

-9.5005

■ 32.9600, -16.2493,
-14.8739

■ 17.0230, -8.3923,
-14.9292

■ 231.4470,
-78.6074, 12.7630

■ 231.4470,
-78.6074, 12.7630

■ 228.2980,
-89.3799, 14.6477

■ 234.7100,
-67.3980, 10.7783

■ 224.7360,
-100.4418, 16.0175

■ 238.1580,
-56.7729, 9.5084

■ 222.0430,
-109.4672, 17.5023

■ 241.3070,
-46.0004, 7.6238

■ 244.5700,
-34.7910, 5.6391

247.8330,
-23.5817, 3.6545

251.2810,
-12.9565, 2.3846

254.5440, -1.7472,
0.3999

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.



218.7450, -70.3733, 31.7956



231.4470, -78.6074, 12.7630



209.1980, -41.0166, -51.0396

Triad

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



231.4470, -78.6074, 12.7630



178.7550, 37.5888, -156.7681



208.0400, 23.1513, 41.1839

Complementary

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



231.4470, -78.6074, 12.7630



95.5530, 78.6074, -12.7630

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.



225.0630, 14.7589, 26.2547



231.4470, -78.6074, 12.7630



178.7550, 37.5888, -156.7681

Square

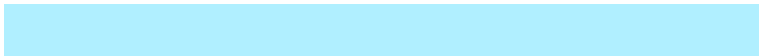
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



231.4470, -78.6074, 12.7630



178.7550, 37.5888, -156.7681



221.9870, 16.2754, -40.3306



199.8780, 2.0321, 48.3420

Rectangle

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



231.4470, -78.6074, 12.7630



169.7490, 3.0817, -148.8699



221.9870, 16.2754, -40.3306



212.7360, 20.8362, 37.0655

Sweetspot

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



231.4470, -78.6074, 12.7630



247.7190, -24.0185, 3.7544



130.2390, -28.7118, 109.4154



123.5260, -14.5563, 2.1697



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.



231.4470, -78.6074, 12.7630



226.7450, -94.0373, 15.1326



204.8360, -65.4881, -41.9522



126.2190, -5.5310, 0.6849



166.5350, -82.1018, 13.5628



55.8070, -27.5129, 4.5543

Inverse Universe

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



95.5530, 78.6074, -12.7630



63.9560, 94.1847, -15.7474



122.1640, 65.4881, 41.9522



116.4820, 5.6784, -1.2997



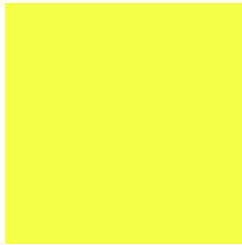
24.4650, 82.1018, -13.5628



8.1930, 27.5129, -4.5543

Previews

White Background



This preview shows how the YUV color 231.4470, -78.6074, 12.7630 looks on a white background.

Color Contrast Check

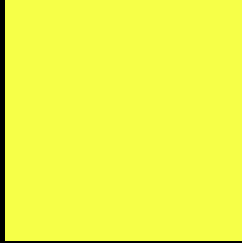
Large Text (above 18pt) WCAG AA × Fail

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 231.4470, -78.6074, 12.7630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

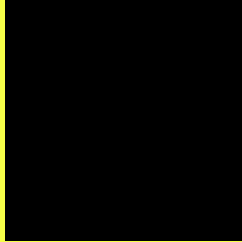
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 231.4470, -78.6074, 12.7630

Background



This preview shows how black text looks on a background with the YUV color 231.4470, -78.6074, 12.7630.

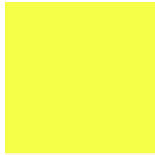


This preview shows how white text looks on a background with the YUV color 231.4470, -78.6074,

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



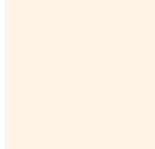
Original Color

231.4470, -78.6074, 12.7630



Protanopia

243.8860, -17.1988, 9.7470



Deuteranopia

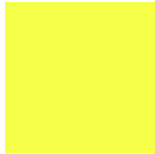
245.1060, -7.4473, 8.6770



Tritanopia

246.4400, 2.7411, 7.5071

Trichromacy



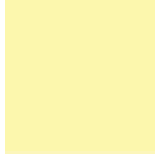
Original Color

231.4470, -78.6074, 12.7630



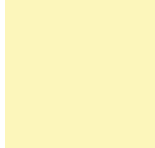
Protanomaly

239.6370, -39.7540, 10.8424



Deuteranomaly

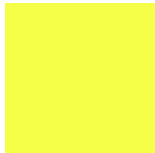
240.0590, -33.0601, 10.4723



Tritanomaly

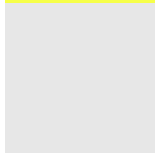
241.0680, -26.6555, 9.5874

Monochromacy



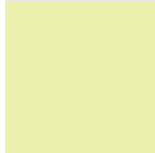
Original Color

231.4470, -78.6074, 12.7630



Achromatopsia

231.0000, 0.0000, 0.0000



Achromatomaly

231.1660, -28.6758, 4.2394

CSS Examples

Text

The CSS property to change the color of the text to YUV 231.4470, -78.6074, 12.7630 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, 72)` looks like.

```
.text, #text, p{  
    color:rgb(246, 255, 72)  
}
```

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, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 255, 72) }
```

Border

The CSS property to change the border of an element to YUV 231.4470, -78.6074, 12.7630 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, 72) }
```


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

```
.border{ border-color:rgb(246, 255, 72) }
```

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, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 255, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 255, 72);  
box-shadow:4px 4px 4px 4px rgb(246, 255,  
72) }
```

Background

The CSS property to change the background color of an element to YUV 231.4470, -78.6074, 12.7630 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, 72) }
```

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

```
.background{ background-color: rgb(246,  
255, 72) }
```

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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