

Converting Colors

YUV(229.6880, -47.1742,
10.7976)

Have a look what the booklet for
YUV(229.6880, -47.1742, 10.7976)
contains.

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Color

**YUV(229.6880, -47.1742,
10.7976)**

Conversions

Conversions Part 1

Format	Color
Hex	F2F286
RGB	242, 242, 134
RGB Percent	95%, 95%, 53%
CMY	0.0510, 0.0510, 0.4745
CMYK	0.00, 0.00, 0.45, 0.05
HSL	60°, 81%, 74%
HSV	60°, 45%, 95%
XYZ	72.6732, 84.1027, 34.9574
YIQ	229.6880, 34.6680, -33.5880

Conversions

Conversions Part 2

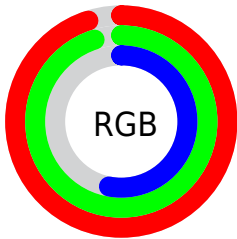
Format	Color
RYB	134, 242, 134
Decimal	15921798
CIELab	93.50, -14.75, 51.84
CIElCh	93, 53.895, 105.886
Yxy	84.1027, 0.3790, 0.4386
Android (android.graphics.Color)	4294111878 (0xFFFF2F286)
YUV	229.6880, -47.1742, 10.7976
Hunter-Lab	91.7075, -19.0368, 41.5949

Details

The YUV color **229.6880, -47.1742, 10.7976** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **146.3120, 47.1742, -10.7976**, and the grayscale version is **230.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **247.4760, -28.8287, 6.5985**, and **173.4320, -45.5690, 9.2681** is the 20% darker color. If you saturate the color by 10%, you get **226.9520, -57.6573, 13.1971**, and if you desaturate by 10%, it is **232.4240, -36.6910, 8.3982**.

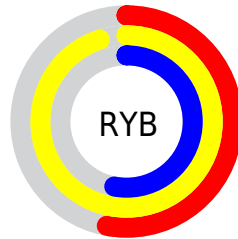
Distribution



Red (95%)

Green (95%)

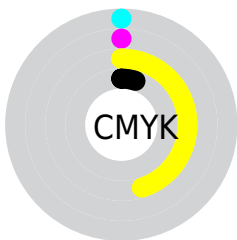
Blue (53%)



Red (53%)

Yellow (95%)

Blue (53%)

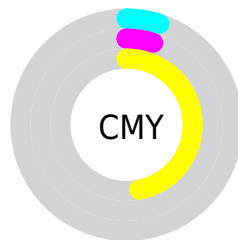


Cyan (0%)

Magenta (0%)

Yellow (45%)

Black (5%)



Cyan (5%)

Magenta (5%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 229.6880, -47.1742, 10.7976 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 229.6880, -47.1742, 10.7976 by changing the saturation by 10% instead.

229.6880,
-47.1742, 10.7976

229.6880,
-47.1742, 10.7976

255.0000, 0.0000,
0.0000

201.5030,
-46.5900, 10.0829

247.4760,
-28.8287, 6.5985

173.4320,
-45.5690, 9.2681

250.6680,
-16.5983, 3.7992

146.2470,
-44.9848, 8.5534

253.9740, -3.9312,
0.8998

119.4210,
-45.5636, 7.5238

93.8940, -46.2897,
7.1090

72.0320, -35.5118,
3.4799

50.7570, -25.0232,

-0.6639

■ 30.3680, -14.9714,
-4.7077

■ 11.7400, -5.7878,
-10.2960

■ 229.6880,
-47.1742, 10.7976

■ 229.6880,
-47.1742, 10.7976

■ 226.9520,
-57.6573, 13.1971

■ 232.4240,
-36.6910, 8.3982

■ 224.2160,
-68.1405, 15.5966

■ 235.1600,
-26.2079, 5.9987

■ 221.3660,
-79.0604, 18.0960

■ 238.0100,
-15.2879, 3.4992

■ 218.6300,
-89.5436, 20.4955

■ 240.7460, -4.8048,
1.0998

■ 215.8940,
-100.0267, 22.8950

■ 243.4820, 5.6784,
-1.2997

■ 214.4120,
-105.7051, 24.1947

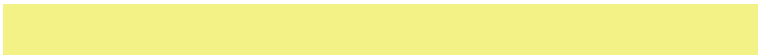
Harmonies

Analogous

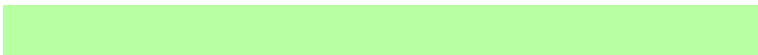
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



223.7100, -43.7340, 27.4413



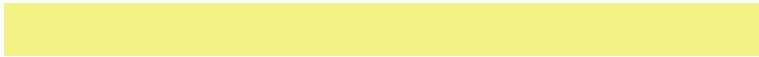
229.6880, -47.1742, 10.7976



222.8700, -30.0089, -34.9660

Triad

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



229.6880, -47.1742, 10.7976



178.7550, 37.5888, -156.7681



221.5410, 16.4953, 29.3435

Complementary

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



229.6880, -47.1742, 10.7976



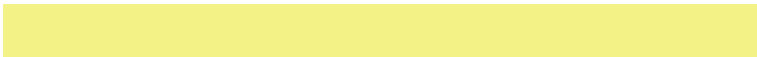
146.3120, 47.1742, -10.7976

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.



230.3460, 12.1544, 21.6216



229.6880, -47.1742, 10.7976



206.0300, 24.1422, -90.3573

Square

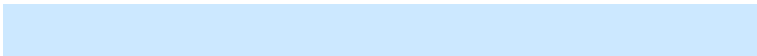
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



229.6880, -47.1742, 10.7976



178.7550, 37.5888, -156.7681



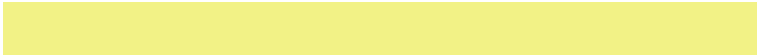
226.2500, 14.1738, -19.5132



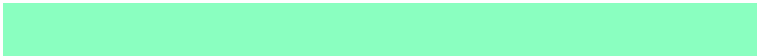
214.6500, -2.2924, 35.3870

Rectangle

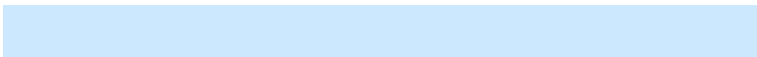
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



229.6880, -47.1742, 10.7976



212.8350, -10.2717, -65.6303



226.2500, 14.1738, -19.5132



223.8890, 15.3377, 27.2843

Sweetspot

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



229.6880, -47.1742, 10.7976



251.2380, -14.4143, 3.2993



166.2920, -15.9200, 66.3959



125.6060, -9.1728, 2.0995



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

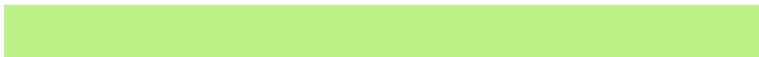
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229.6880, -47.1742, 10.7976



239.2680, -60.2781, 13.7970



213.5420, -39.2142, -22.4003



118.6320, -5.2416, 1.1997



163.0240, -80.3708, 18.3960



49.6160, -24.4607, 5.5988

Inverse Universe

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



146.3120, 47.1742, -10.7976



132.7320, 60.2781, -13.7970



162.4580, 39.2142, 22.4003



109.3680, 5.2416, -1.1997



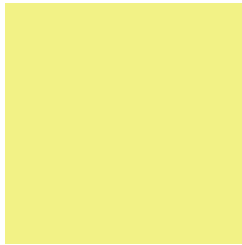
20.9760, 80.3708, -18.3960



6.3840, 24.4607, -5.5988

Previews

White Background



This preview shows how the YUV color 229.6880, -47.1742, 10.7976 looks on a white background.

Color Contrast Check

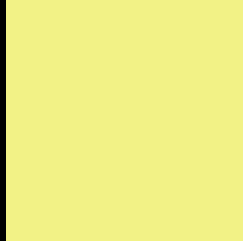
Large Text (above 18pt) WCAG AA × Fail

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 229.6880, -47.1742, 10.7976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

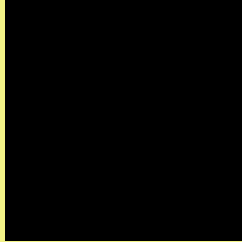
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 229.6880, -47.1742, 10.7976

Background



This preview shows how black text looks on a background with the YUV color 229.6880, -47.1742, 10.7976.

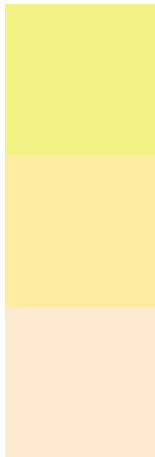


This preview shows how white text looks on a background with the YUV color 229.6880, -47.1742, 10.7976.

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

229.6880, -47.1742, 10.7976

Protanopia

233.0170, -35.9974, 19.2791

Deuteranopia

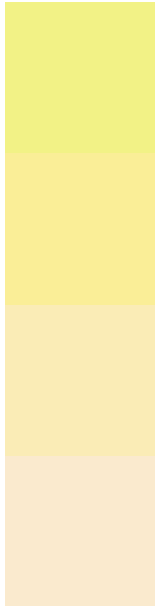
236.8420, -13.7261, 15.9246



Tritanopia

238.5270, 4.1772, 13.5698

Trichromacy



Original Color

229.6880, -47.1742, 10.7976

Protanomaly

231.6700, -39.7703, 16.0754

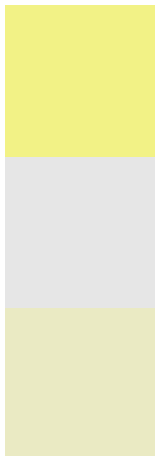
Deuteranomaly

234.0300, -25.6508, 14.0057

Tritanomaly

235.5920, -14.5889, 12.6358

Monochromacy



Original Color

229.6880, -47.1742, 10.7976

Achromatopsia

230.0000, 0.0000, 0.0000

Achromatomaly

229.5540, -17.0351, 3.8991

CSS Examples

Text

The CSS property to change the color of the text to YUV 229.6880, -47.1742, 10.7976 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(242, 242, 134)` looks like.

```
.text, #text, p{  
    color:rgb(242, 242, 134)  
}
```

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(242, 242, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 242, 134) }
```

Border

The CSS property to change the border of an element to YUV 229.6880, -47.1742, 10.7976 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(242, 242, 134) }
```


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

```
.border{ border-color:rgb(242, 242, 134) }
```

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

Here you see how a box with a 4 pixel rgb(242, 242, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 242, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 242, 134);  
box-shadow:4px 4px 4px 4px rgb(242, 242,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 229.6880, -47.1742, 10.7976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 242, 134) }
```

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

```
.background{ background-color: rgb(242,  
242, 134) }
```

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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