

Converting Colors

YUV(239.2630, -42.5277,
13.8013)

Have a look what the booklet for
YUV(239.2630, -42.5277, 13.8013)
contains.

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Color

**YUV(239.2630, -42.5277,
13.8013)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF899
RGB	255, 248, 153
RGB Percent	100%, 97%, 60%
CMY	0.0000, 0.0275, 0.4000
CMYK	0.00, 0.03, 0.40, 0.00
HSL	56°, 100%, 80%
HSV	56°, 40%, 100%
XYZ	80.5572, 90.6947, 43.3970
YIQ	239.2630, 34.6670, -28.0610

Conversions

Conversions Part 2

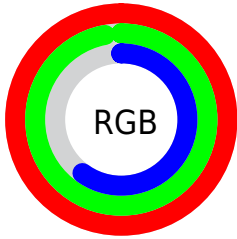
Format	Color
R _Y B	161, 255, 153
Decimal	16775321
CIE Lab	96.28, -10.80, 46.41
CIE LCh	96, 47.650, 103.106
Yxy	90.6947, 0.3753, 0.4225
Android (android.graphics.Color)	4294965401 (0xFFFFFFFF899)
YUV	239.2630, -42.5277, 13.8013
Hunter-Lab	95.2338, -15.6680, 39.6458

Details

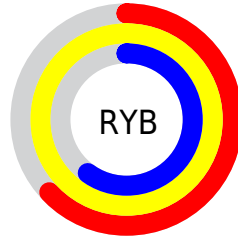
The YUV color $239.2630, -42.5277, 13.8013$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $168.7370, 42.5277, -13.8013$, and the grayscale version is $240.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.6420, -20.5295, 4.6990$, and $183.0070, -40.9225, 12.2719$ is the 20% darker color. If you saturate the color by 10%, you get $235.2390, -52.8688, 17.3304$, and if you desaturate by 10%, it is $243.4010, -31.7497, 10.1723$.

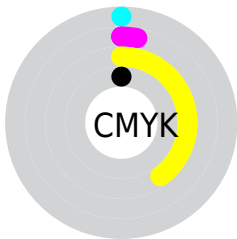
Distribution



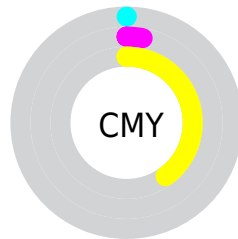
- Red (100%)
- Green (97%)
- Blue (60%)



- Red (63%)
- Yellow (100%)
- Blue (60%)



- Cyan (0%)
- Magenta (3%)
- Yellow (40%)
- Black (0%)



- Cyan (0%)
- Magenta (3%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 239.2630, -42.5277, 13.8013 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 239.2630, -42.5277, 13.8013 by changing the saturation by 10% instead.

239.2630,
-42.5277, 13.8013

239.2630,
-42.5277, 13.8013

255.0000, 0.0000,
0.0000

211.0780,
-41.9435, 13.0866

249.6420,
-20.5295, 4.6990

183.0070,
-40.9225, 12.2719

252.9480, -7.8624,
1.7996

155.9360,
-39.9014, 11.4571

128.7510,
-39.3172, 10.7424

102.9250,
-39.8960, 9.7128

78.5550, -38.7276,
8.2833

57.5790, -28.3864,

4.7542

■ 37.1900, -18.3347,
0.7104

■ 16.1810, -7.9772,
-8.0517

■ 239.2630,
-42.5277, 13.8013

■ 239.2630,
-42.5277, 13.8013

■ 235.2390,
-52.8688, 17.3304

■ 243.4010,
-31.7497, 10.1723

■ 231.6880,
-63.9362, 20.4446

■ 247.4250,
-21.4085, 6.6433

■ 227.6640,
-74.2774, 23.9737

■ 250.9760,
-10.3412, 3.5290

■ 223.5260,
-85.0553, 27.6027

255.0000, 0.0000,
0.0000

■ 219.3880,
-95.8333, 31.2317

■ 215.9510,
-106.4638, 34.2460

Harmonies

Analogous

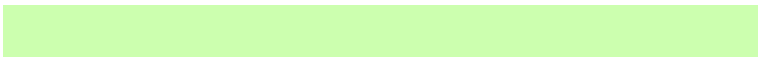
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230.2130, -36.5870, 21.7382



239.2630, -42.5277, 13.8013



230.6310, -27.4261, -23.3554

Triad

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



239.2630, -42.5277, 13.8013



198.4890, 27.8599, -116.1929



229.7590, 12.4438, 22.1364

Complementary

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



239.2630, -42.5277, 13.8013



168.7370, 42.5277, -13.8013

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.



237.3900, 8.6817, 15.4440



239.2630, -42.5277, 13.8013



218.8210, 17.8362, -74.3880

Square

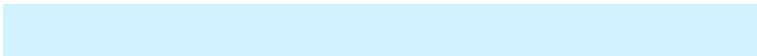
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



239.2630, -42.5277, 13.8013



204.1700, 25.0592, -104.5121



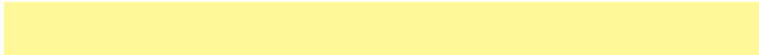
234.2130, 10.2480, -20.3578



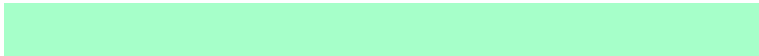
224.6920, 0.6448, 26.5801

Rectangle

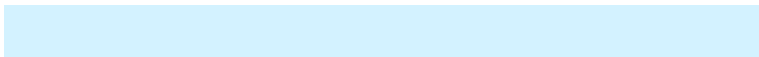
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



239.2630, -42.5277, 13.8013



222.2330, -10.4679, -49.3163



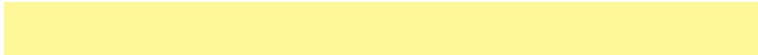
234.2130, 10.2480, -20.3578



231.5200, 11.5756, 20.5920

Sweetspot

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



239.2630, -42.5277, 13.8013



250.2920, -12.9620, 4.1289



184.4100, -11.5411, 61.9074



124.7740, -7.2836, 2.8292



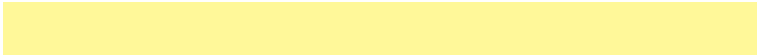
0.0000, 0.0000, 0.0000



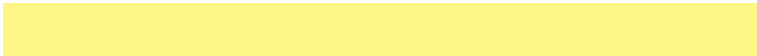
128.0000, 0.0000, 0.0000

Same Dimension

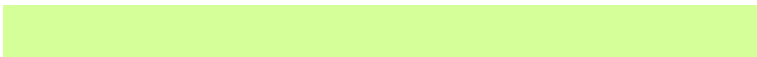
The Same Dimension uses a secret algorithm to generate beautiful new colors.



239.2630, -42.5277, 13.8013



236.3960, -50.9742, 16.3157



230.8140, -38.3623, -15.6229



125.9310, -5.3890, 1.8145



161.5950, -79.6663, 25.7882



53.7690, -26.5081, 8.9726

Inverse Universe

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



168.7370, 42.5277, -13.8013



151.6040, 50.9742, -16.3157



177.4850, 38.2149, 16.2377



117.0690, 5.3890, -1.8145



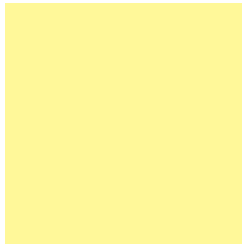
29.4050, 79.6663, -25.7882



9.6440, 26.7975, -8.4578

Previews

White Background



This preview shows how the YUV color 239.2630, -42.5277, 13.8013 looks on a white background.

Color Contrast Check

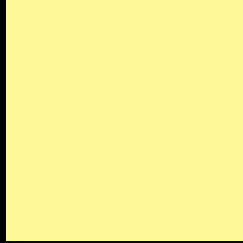
Large Text (above 18pt) WCAG AA × Fail

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 239.2630, -42.5277, 13.8013 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 239.2630, -42.5277, 13.8013 Background



This preview shows how black text looks on a background with the YUV color 239.2630, -42.5277, 13.8013.

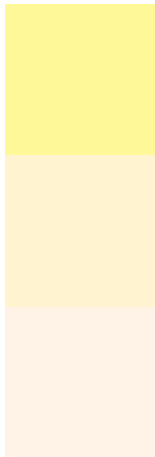


This preview shows how white text looks on a background with the YUV color 239.2630, -42.5277, 13.8013.

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

239.2630, -42.5277, 13.8013

Protanopia

243.0710, -17.7830, 10.4617

Deuteranopia

244.5190, -7.1579, 9.1918



Tritanopia

245.5110, 1.7201, 8.3219

Trichromacy



Original Color

239.2630, -42.5277, 13.8013



Protanomaly

241.3780, -26.8084, 11.9465



Deuteranomaly

242.5010, -19.9670, 10.9616



Tritanomaly

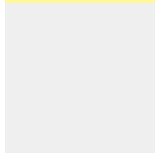
243.2820, -14.4360, 10.2767

Monochromacy



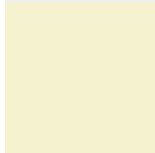
Original Color

239.2630, -42.5277, 13.8013



Achromatopsia

239.0000, 0.0000, 0.0000



Achromatomaly

239.0210, -15.2934, 5.2436

CSS Examples

Text

The CSS property to change the color of the text to YUV 239.2630, -42.5277, 13.8013 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, 248, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 248, 153)  
}
```

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, 248, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 248, 153) }
```

Border

The CSS property to change the border of an element to YUV 239.2630, -42.5277, 13.8013 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, 248, 153) }
```


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

```
.border{ border-color:rgb(255, 248, 153) }
```

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

Here you see how a box with a 4 pixel rgb(255, 248, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 248, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 248, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 248,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 239.2630, -42.5277, 13.8013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 248, 153) }
```

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

```
.background{ background-color: rgb(255,  
248, 153) }
```

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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