

Converting Colors

YUV(239.7840, -42.7845,
2.8204)

Have a look what the booklet for
YUV(239.7840, -42.7845, 2.8204)
contains.

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Color

**YUV(239.7840, -42.7845,
2.8204)**

Conversions

Conversions Part 1

Format	Color
Hex	F3FF99
RGB	243, 255, 153
RGB Percent	95%, 100%, 60%
CMY	0.0471, 0.0000, 0.4000
CMYK	0.05, 0.00, 0.40, 0.00
HSL	67°, 100%, 80%
HSV	67°, 40%, 100%
XYZ	78.4719, 92.8746, 43.9277
YIQ	239.7840, 25.5900, -34.2660

Conversions

Conversions Part 2

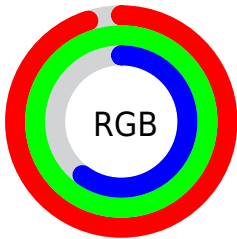
Format	Color
R_{YB}	153, 255, 165
Decimal	15990681
CIE Lab	97.18, -18.77, 47.35
CIE LCh	97, 50.935, 111.624
Yxy	92.8746, 0.3645, 0.4314
Android (android.graphics.Color)	4294180761 (0xFFFF3FF99)
YUV	239.7840, -42.7845, 2.8204
Hunter-Lab	96.3715, -23.3038, 40.4347

Details

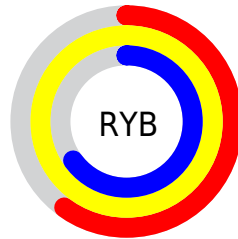
The YUV color **239.7840, -42.7845, 2.8204** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **168.2160, 42.7845, -2.8204**, and the grayscale version is **240.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.7560, -20.0927, 4.5990**, and **182.9410, -40.8899, 1.8057** is the 20% darker color. If you saturate the color by 10%, you get **236.0370, -53.2622, 3.4756**, and if you desaturate by 10%, it is **243.6450, -31.8700, 2.0653**.

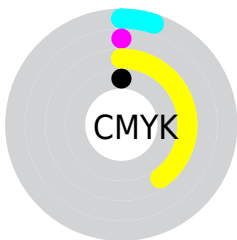
Distribution



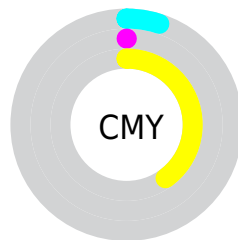
- Red (95%)
- Green (100%)
- Blue (60%)



- Red (60%)
- Yellow (100%)
- Blue (65%)



- Cyan (5%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)



- Cyan (5%)
- Magenta (0%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 239.7840, -42.7845, 2.8204 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 239.7840, -42.7845, 2.8204 by changing the saturation by 10% instead.

239.7840,
-42.7845, 2.8204

239.7840,
-42.7845, 2.8204

255.0000, 0.0000,
0.0000

211.0120,
-41.9109, 2.6205

249.7560,
-20.0927, 4.5990

182.9410,
-40.8899, 1.8057

252.9480, -7.8624,
1.7996

155.7560,
-40.3057, 1.0910

129.5710,
-39.7215, 0.3762

103.3430,
-40.5951, 0.5762

78.5000, -38.7005,
-0.4385

57.5240, -28.3593,

-3.9675

■ 36.2490, -17.8708,
-8.1114

■ 17.0230, -8.3923,
-14.9292

■ 239.7840,
-42.7845, 2.8204

■ 239.7840,
-42.7845, 2.8204

■ 236.0370,
-53.2622, 3.4756

■ 243.6450,
-31.8700, 2.0653

■ 232.1760,
-64.1768, 4.2306

■ 247.3920,
-21.3923, 1.4102

■ 228.4290,
-74.6545, 4.8858

■ 251.2530,
-10.4777, 0.6551

■ 224.5680,
-85.5690, 5.6409

255.0000, 0.0000,
0.0000

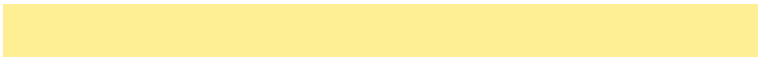
■ 220.7070,
-96.4836, 6.3960

■ 216.9600,
-106.9613, 7.0511

Harmonies

Analogous

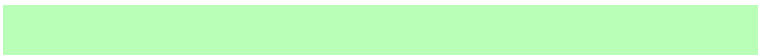
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233.4100, -42.1071, 18.9344



239.7840, -42.7845, 2.8204



226.2750, -20.8416, -35.3212

Triad

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



239.7840, -42.7845, 2.8204



193.4060, 30.3658, -126.6441



227.9980, 13.3120, 23.6808

Complementary

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



239.7840, -42.7845, 2.8204



168.2160, 42.7845, -2.8204

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.



235.0420, 9.8393, 17.5032



239.7840, -42.7845, 2.8204



223.3060, 15.6251, -65.1664

Square

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



239.7840, -42.7845, 2.8204



188.0240, 33.0192, -137.7100



238.7310, 8.0206, -5.9031



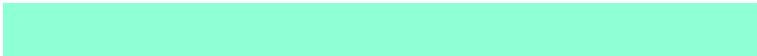
223.7970, -5.3229, 27.3650

Rectangle

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



239.7840, -42.7845, 2.8204



216.8380, -1.3991, -64.7559



238.7310, 8.0206, -5.9031



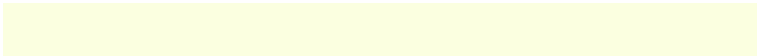
229.7590, 12.4438, 22.1364

Sweetspot

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



239.7840, -42.7845, 2.8204



250.2700, -12.9511, 0.6402



190.5420, -18.5082, 56.5297



125.0510, -7.4201, -0.0447



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

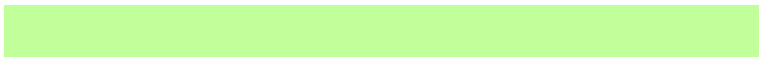
The Same Dimension uses a secret algorithm to generate beautiful new colors.



239.7840, -42.7845, 2.8204



236.9060, -51.2257, 3.5904



224.5350, -35.2668, -28.5332



125.9200, -5.3836, 0.0702



162.6480, -80.1855, 5.5707



54.3120, -26.7758, 1.4804

Inverse Universe

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



168.2160, 42.7845, -2.8204



151.0940, 51.2257, -3.5904



183.4650, 35.2668, 28.5332



116.7810, 5.5310, -0.6849



28.3520, 80.1855, -5.5707



9.3890, 26.9232, -2.0952

Previews

White Background



This preview shows how the YUV color 239.7840, -42.7845, 2.8204 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 239.7840, -42.7845, 2.8204 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 239.7840, -42.7845, 2.8204 Background



This preview shows how black text looks on a background with the YUV color 239.7840, -42.7845, 2.8204.



This preview shows how white text looks on a background with the YUV color 239.7840, -42.7845,

Color Blindness Simulation

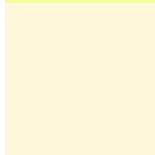
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



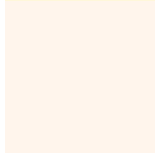
Original Color

239.7840, -42.7845, 2.8204



Protanopia

246.0860, -13.8464, 7.8176



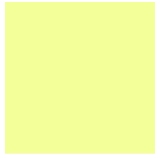
Deuteranopia

246.9640, -5.4053, 7.0476

Tritanopia

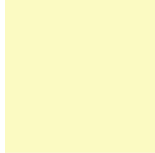
247.6460, 3.6255, 3.8185

Trichromacy



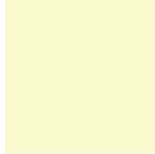
Original Color

239.7840, -42.7845, 2.8204



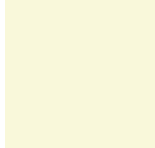
Protanomaly

243.9150, -24.6081, 6.2135



Deuteranomaly

244.6960, -19.0771, 5.5286



Tritanomaly

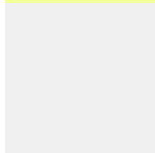
244.8790, -13.2513, 3.6141

Monochromacy



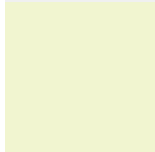
Original Color

239.7840, -42.7845, 2.8204



Achromatopsia

240.0000, 0.0000, 0.0000



Achromatomaly

239.5860, -15.5719, 1.2401

CSS Examples

Text

The CSS property to change the color of the text to YUV 239.7840, -42.7845, 2.8204 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(243, 255, 153)` looks like.

```
.text, #text, p{  
    color:rgb(243, 255, 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(243, 255, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 255, 153) }
```

Border

The CSS property to change the border of an element to YUV 239.7840, -42.7845, 2.8204 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(243, 255, 153) }
```


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

```
.border{ border-color:rgb(243, 255, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 255, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 255, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 255, 153);  
box-shadow:4px 4px 4px 4px rgb(243, 255,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 239.7840, -42.7845, 2.8204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 255, 153) }
```

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

```
.background{ background-color: rgb(243,  
255, 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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