

Converting Colors

YUV(239.8040, -53.1474,
13.3269)

Have a look what the booklet for
YUV(239.8040, -53.1474, 13.3269)
contains.

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Color

**YUV(239.8040, -53.1474,
13.3269)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFD84
RGB	255, 253, 132
RGB Percent	100%, 99%, 52%
CMY	0.0000, 0.0078, 0.4824
CMYK	0.00, 0.01, 0.48, 0.00
HSL	59°, 100%, 76%
HSV	59°, 48%, 100%
XYZ	80.5301, 93.1765, 35.5703
YIQ	239.8040, 40.0330, -37.2070

Conversions

Conversions Part 2

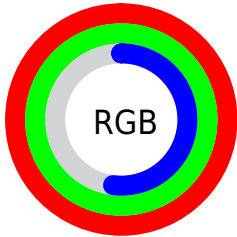
Format	Color
RYB	134, 255, 132
Decimal	16776580
CIELab	97.30, -15.23, 57.60
CIElCh	97, 59.580, 104.813
Yxy	93.1765, 0.3848, 0.4452
Android (android.graphics.Color)	4294966660 (0xFFFFFD84)
YUV	239.8040, -53.1474, 13.3269
Hunter-Lab	96.5280, -20.0072, 45.7214

Details

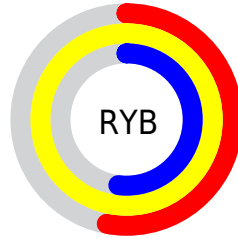
The YUV color **239.8040, -53.1474, 13.3269** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **147.1960, 53.1474, -13.3269**, and the grayscale version is **240.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **247.2480, -29.7023, 6.7985**, and **183.1350, -51.8316, 11.2826** is the 20% darker color. If you saturate the color by 10%, you get **236.9540, -64.0673, 15.8263**, and if you desaturate by 10%, it is **242.7680, -41.7906, 10.7275**.

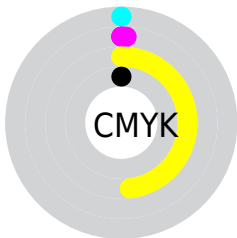
Distribution



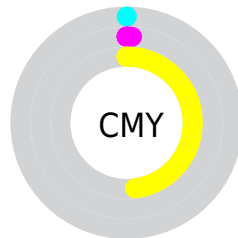
- Red (100%)
- Green (99%)
- Blue (52%)



- Red (53%)
- Yellow (100%)
- Blue (52%)



- Cyan (0%)
- Magenta (1%)
- Yellow (48%)
- Black (0%)



- Cyan (0%)
- Magenta (1%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 239.8040, -53.1474, 13.3269 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 239.8040, -53.1474, 13.3269 by changing the saturation by 10% instead.

239.8040,
-53.1474, 13.3269

239.8040,
-53.1474, 13.3269

255.0000, 0.0000,
0.0000

210.7330,
-52.1264, 12.5122

247.2480,
-29.7023, 6.7985

183.1350,
-51.8316, 11.2826

250.5540,
-17.0351, 3.8991

155.2490,
-51.3948, 11.1826

253.8600, -4.3680,
0.9998

127.7820,
-53.1365, 9.8382

102.7540,
-50.6577, 8.1087

80.0060, -39.4430,
4.3797

58.7310, -28.9544,

0.2359

■ 37.7550, -18.6132,
-3.2931

■ 16.7350, -8.2504,
-13.7996

■ 239.8040,
-53.1474, 13.3269

■ 239.8040,
-53.1474, 13.3269

■ 236.9540,
-64.0673, 15.8263

■ 242.7680,
-41.7906, 10.7275

■ 233.4030,
-75.1347, 18.9406

■ 246.2050,
-31.1601, 7.7132

■ 230.5530,
-86.0546, 21.4400

■ 249.1690,
-19.8033, 5.1138

■ 227.0020,
-97.1220, 24.5542

■ 252.6060, -9.1728,
2.0995

■ 224.1520, 255.0000, 0.0000,
-108.0419, 27.0537 0.0000

■ 223.5820,
-110.2259, 27.5536

Harmonies

Analogous

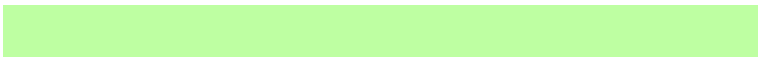
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.9930, -46.3385, 22.8081



239.8040, -53.1474, 13.3269



224.9630, -31.0408, -30.6626

Triad

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



239.8040, -53.1474, 13.3269



178.7550, 37.5888, -156.7681



225.0630, 14.7589, 26.2547

Complementary

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



239.8040, -53.1474, 13.3269



147.1960, 53.1474, -13.3269

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



239.8040, -53.1474, 13.3269



201.7780, 26.2384, -109.4303

Square

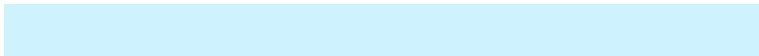
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



239.8040, -53.1474, 13.3269



178.7550, 37.5888, -156.7681



233.3050, 10.6956, -23.9465



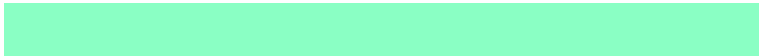
219.4260, 0.7760, 31.1984

Rectangle

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



239.8040, -53.1474, 13.3269



213.2910, -8.5245, -66.0302



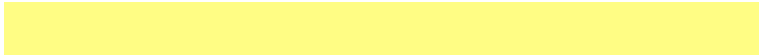
233.3050, 10.6956, -23.9465



227.4110, 13.6014, 24.1956

Sweetspot

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



239.8040, -53.1474, 13.3269



250.3090, -15.4353, 4.1140



169.0050, -17.2575, 75.4176



124.9050, -9.3202, 2.7143



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

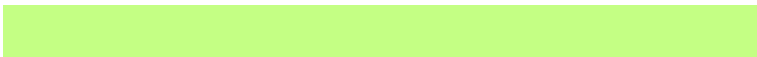
The Same Dimension uses a secret algorithm to generate beautiful new colors.



239.8040, -53.1474, 13.3269



236.9540, -64.0673, 15.8263



223.3370, -45.0291, -23.9745



125.9310, -5.3890, 1.8145



167.4650, -82.5602, 20.6402



56.1170, -27.6657, 6.9134

Inverse Universe

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



147.1960, 53.1474, -13.3269



125.6330, 63.7779, -16.3411



163.6630, 45.0291, 23.9745



116.4820, 5.6784, -1.2997



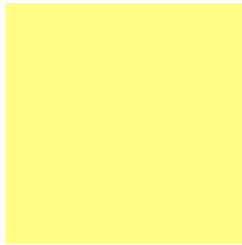
23.5350, 82.5602, -20.6402



7.8830, 27.6657, -6.9134

Previews

White Background



This preview shows how the YUV color 239.8040, -53.1474, 13.3269 looks on a white background.

Color Contrast Check

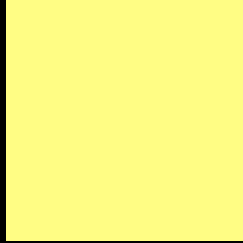
Large Text (above 18pt) WCAG AA × Fail

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 239.8040, -53.1474, 13.3269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

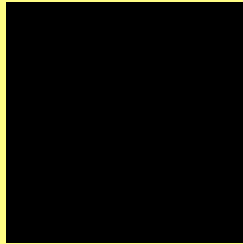
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 239.8040, -53.1474, 13.3269

Background



This preview shows how black text looks on a background with the YUV color 239.8040, -53.1474, 13.3269.

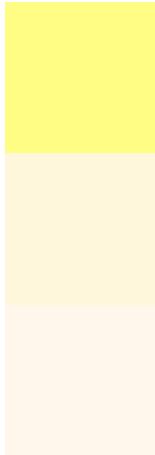


This preview shows how white text looks on a background with the YUV color 239.8040, -53.1474, 13.3269.

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

239.8040, -53.1474, 13.3269

Protanopia

246.3140, -12.9728, 7.6176

Deuteranopia

247.5510, -5.6946, 6.5328



Tritanopia

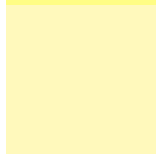
248.0870, 1.4361, 6.0627

Trichromacy



Original Color

239.8040, -53.1474, 13.3269



Protanomaly

243.8400, -27.5291, 9.7873



Deuteranomaly

244.9800, -23.1611, 8.7875



Tritanomaly

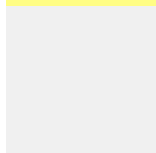
244.9460, -18.2144, 8.8174

Monochromacy



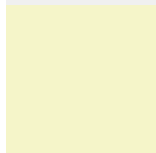
Original Color

239.8040, -53.1474, 13.3269



Achromatopsia

240.0000, 0.0000, 0.0000



Achromatomaly

239.9840, -19.2191, 4.3990

CSS Examples

Text

The CSS property to change the color of the text to YUV 239.8040, -53.1474, 13.3269 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, 253, 132)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 132)  
}
```

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, 253, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 132) }
```

Border

The CSS property to change the border of an element to YUV 239.8040, -53.1474, 13.3269 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, 253, 132) }
```


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

```
.border{ border-color:rgb(255, 253, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 253, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 132);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 239.8040, -53.1474, 13.3269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 253, 132) }
```

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

```
.background{ background-color: rgb(255,  
253, 132) }
```

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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