

Converting Colors

YUV(239.1540, -60.7149,
13.8969)

Have a look what the booklet for
YUV(239.1540, -60.7149, 13.8969)
contains.

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Color

**YUV(239.1540, -60.7149,
13.8969)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFF74
RGB	255, 255, 116
RGB Percent	100%, 100%, 45%
CMY	0.0000, 0.0000, 0.5451
CMYK	0.00, 0.00, 0.55, 0.00
HSL	60°, 100%, 73%
HSV	60°, 55%, 100%
XYZ	80.1524, 94.0410, 30.4502
YIQ	239.1540, 44.6190, -43.2290

Conversions

Conversions Part 2

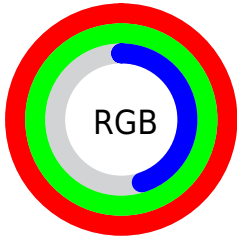
Format	Color
R_{YB}	116, 255, 116
Decimal	16777076
CIE _{Lab}	97.65, -17.48, 65.16
CIE _{LCh}	98, 67.460, 105.017
Yxy	94.0410, 0.3917, 0.4595
Android (android.graphics.Color)	4294967156 (0xFFFFFFFF74)
YUV	239.1540, -60.7149, 13.8969
Hunter-Lab	96.9747, -22.1704, 49.2651

Details

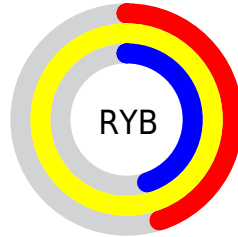
The YUV color **239.1540, -60.7149, 13.8969** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **131.8460, 60.7149, -13.8969**, and the grayscale version is **240.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.5380, -36.2542, 8.2982**, and **181.6700, -59.9833, 12.5674** is the 20% darker color. If you saturate the color by 10%, you get **236.1900, -72.0717, 16.4964**, and if you desaturate by 10%, it is **242.1180, -49.3582, 11.2975**.

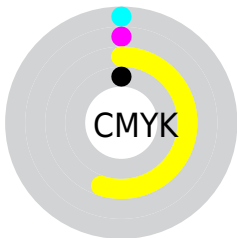
Distribution



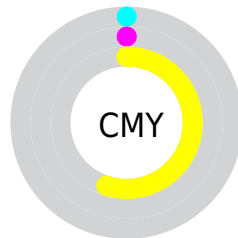
- Red (100%)
- Green (100%)
- Blue (45%)



- Red (45%)
- Yellow (100%)
- Blue (45%)



- Cyan (0%)
- Magenta (0%)
- Yellow (55%)
- Black (0%)



- Cyan (0%)
- Magenta (0%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 239.1540, -60.7149, 13.8969 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 239.1540, -60.7149, 13.8969 by changing the saturation by 10% instead.

239.1540,
-60.7149, 13.8969

239.1540,
-60.7149, 13.8969

255.0000, 0.0000,
0.0000

209.9690,
-60.1307, 13.1822

245.5380,
-36.2542, 8.2982

181.6700,
-59.9833, 12.5674

248.7300,
-24.0239, 5.4988

153.5020,
-61.8725, 11.8377

252.0360,
-11.3567, 2.5994

126.3770,
-62.3039, 10.1934

103.0420,
-50.7997, 6.9792

80.8810, -39.8743,
2.7354

58.7200, -28.9490,

-1.5084

■ 38.0320, -18.7498,
-6.1671

■ 17.0230, -8.3923,
-14.9292

■ 239.1540,
-60.7149, 13.8969

■ 239.1540,
-60.7149, 13.8969

■ 236.1900,
-72.0717, 16.4964

■ 242.1180,
-49.3582, 11.2975

■ 233.3400,
-82.9916, 18.9958

■ 244.9680,
-38.4382, 8.7981

■ 230.3760,
-94.3484, 21.5952

■ 247.9320,
-27.0815, 6.1986

■ 227.5260,
-105.2683, 24.0947

■ 250.7820,
-16.1615, 3.6992

■ 225.9300,
-111.3835, 25.4944

■ 253.6320, -5.2416,
1.1997

255.0000, 0.0000,
0.0000

Harmonies

Analogous

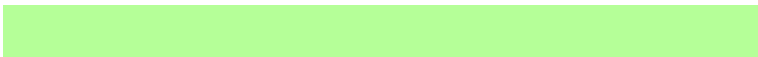
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



226.5820, -53.0379, 24.9226



239.1540, -60.7149, 13.8969



221.1320, -34.0821, -35.1958

Triad

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



239.1540, -60.7149, 13.8969



178.7550, 37.5888, -156.7681



220.9540, 16.7847, 29.8583

Complementary

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



239.1540, -60.7149, 13.8969



131.8460, 60.7149, -13.8969

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.



233.2810, 10.7075, 19.0476



239.1540, -60.7149, 13.8969



178.7550, 37.5888, -156.7681

Square

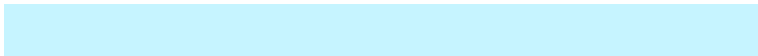
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



239.1540, -60.7149, 13.8969



178.7550, 37.5888, -156.7681



231.5000, 11.5855, -29.3795



214.9750, 1.4913, 35.1019

Rectangle

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



239.1540, -60.7149, 13.8969



206.3280, -8.0497, -78.3407



231.5000, 11.5855, -29.3795



224.4760, 15.0483, 26.7695

Sweetspot

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



239.1540, -60.7149, 13.8969



250.3260, -17.9087, 4.0991



157.5610, -20.4896, 85.4540



125.1500, -10.9199, 2.4995



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

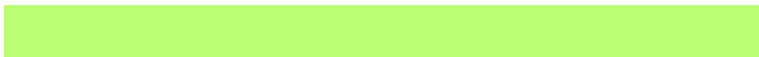
The Same Dimension uses a secret algorithm to generate beautiful new colors.



239.1540, -60.7149, 13.8969



236.0760, -72.5085, 16.5963



218.5230, -50.5438, -28.5227



126.5180, -5.6784, 1.2997



169.2260, -83.4284, 19.0958



56.7040, -27.9551, 6.3986

Inverse Universe

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



131.8460, 60.7149, -13.8969



107.9240, 72.5085, -16.5963



152.7760, 50.3964, 29.1374



116.4820, 5.6784, -1.2997



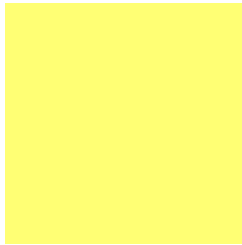
21.7740, 83.4284, -19.0958



7.2960, 27.9551, -6.3986

Previews

White Background



This preview shows how the YUV color 239.1540, -60.7149, 13.8969 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 239.1540, -60.7149, 13.8969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

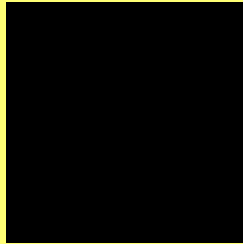
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 239.1540, -60.7149, 13.8969

Background



This preview shows how black text looks on a background with the YUV color 239.1540, -60.7149, 13.8969.



This preview shows how white text looks on a background with the YUV color 239.1540, -60.7149, 13.8969.

Color Blindness Simulation

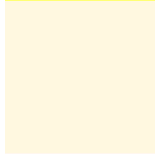
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



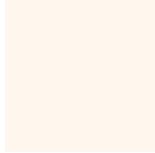
Original Color

239.1540, -60.7149, 13.8969



Protanopia

247.3570, -11.5150, 6.7029



Deuteranopia

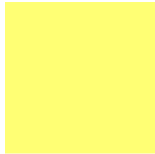
248.3660, -5.1104, 5.8180



Tritanopia

249.2610, 0.8573, 5.0331

Trichromacy



Original Color

239.1540, -60.7149, 13.8969



Protanomaly

244.6720, -29.4183, 9.0577



Deuteranomaly

245.1110, -25.1977, 8.6727



Tritanomaly

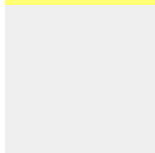
245.4360, -21.4139, 8.3876

Monochromacy



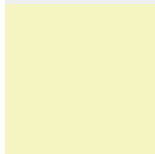
Original Color

239.1540, -60.7149, 13.8969



Achromatopsia

239.0000, 0.0000, 0.0000



Achromatomaly

239.1860, -22.2767, 5.0989

CSS Examples

Text

The CSS property to change the color of the text to YUV 239.1540, -60.7149, 13.8969 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, 255, 116)` looks like.

```
.text, #text, p{  
    color:rgb(255, 255, 116)  
}
```

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, 255, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 255, 116) }
```

Border

The CSS property to change the border of an element to YUV 239.1540, -60.7149, 13.8969 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, 255, 116) }
```


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

```
.border{ border-color:rgb(255, 255, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 255, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 255, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 255, 116);  
box-shadow:4px 4px 4px 4px rgb(255, 255,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 239.1540, -60.7149, 13.8969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 255, 116) }
```

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

```
.background{ background-color: rgb(255,  
255, 116) }
```

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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