

# Converting Colors

YUV(216.1090, -39.0007,  
2.5354)

Have a look what the booklet for  
YUV(216.1090, -39.0007, 2.5354)  
contains.

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# Color

**YUV(216.1090, -39.0007,  
2.5354)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBE689
RGB	219, 230, 137
RGB Percent	86%, 90%, 54%
CMY	0.1412, 0.0980, 0.4627
CMYK	0.05, 0.00, 0.40, 0.10
HSL	67°, 65%, 72%
HSV	67°, 40%, 90%
XYZ	62.0256, 73.4598, 34.5770
YIQ	216.1090, 23.2970, -31.2550

# Conversions

## Conversions Part 2

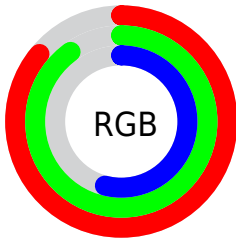
<b>Format</b>	<b>Color</b>
<b>RYB</b>	137, 230, 148
Decimal	14411401
CIELab	88.67, -17.46, 44.01
CIELCh	89, 47.346, 111.637
Yxy	73.4598, 0.3647, 0.4320
Android (android.graphics.Color)	4292601481 (0xFFDBE689)
YUV	216.1090, -39.0007, 2.5354
Hunter-Lab	85.7087, -20.8136, 36.0771

# Details

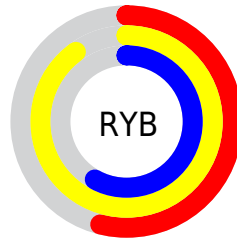
The YUV color  $216.1090, -39.0007, 2.5354$  is a light color, and the websafe version is hex  $FFFF99$ . A complement of this color would be  $150.8910, 39.0007, -2.5354$ , and the grayscale version is  $216.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $247.8180, -27.5183, 6.2986$ , and  $161.1520, -37.5429, 1.6207$  is the 20% darker color. If you saturate the color by 10%, you get  $212.5900, -48.6049, 2.9906$ , and if you desaturate by 10%, it is  $219.6280, -29.3966, 2.0802$ .

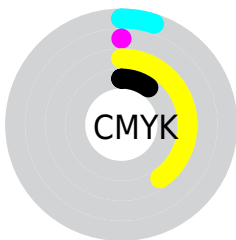
# Distribution



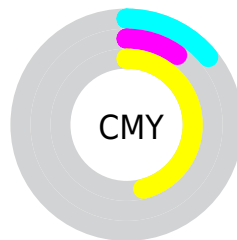
- Red (86%)
- Green (90%)
- Blue (54%)



- Red (54%)
- Yellow (90%)
- Blue (58%)



- Cyan (5%)
- Magenta (0%)
- Yellow (40%)
- Black (10%)



- Cyan (14%)
- Magenta (10%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 216.1090, -39.0007, 2.5354 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 216.1090, -39.0007, 2.5354 by changing the saturation by 10% instead.



216.1090,  
-39.0007, 2.5354

216.1090,  
-39.0007, 2.5354

255.0000, 0.0000,  
0.0000

188.0380,  
-37.9797, 1.7207

247.8180,  
-27.5183, 6.2986

161.1520,  
-37.5429, 1.6207

251.0100,  
-15.2879, 3.4992

134.0810,  
-36.5219, 0.8060

254.3160, -2.6208,  
0.5999

108.1950,  
-36.0851, 0.7060

82.2120, -38.5585,  
0.6911

60.7800, -29.9645,  
-2.4381

40.1030, -19.7708,

-5.3523

■ 18.5070, -9.1240,  
-13.5996

■ 0.0000, 0.0000,  
0.0000

■ 216.1090,  
-39.0007, 2.5354

■ 216.1090,  
-39.0007, 2.5354

■ 212.5900,  
-48.6049, 2.9906

■ 219.6280,  
-29.3966, 2.0802

■ 209.3700,  
-58.3564, 4.0605

■ 222.8480,  
-19.6451, 1.0103

■ 205.8510,  
-67.9605, 4.5157

■ 226.3670,  
-10.0409, 0.5551

■ 202.3320,  
-77.5647, 4.9708

■ 229.8860, -0.4368,  
0.1000

■ 198.8130,  
-87.1688, 5.4260

■ 233.4050, 9.1673,  
-0.3552

■ 195.7070,  
-96.4836, 6.3960

■ 234.3450, 10.1829,  
0.5744

■ 235.2420, 9.7407,  
2.4188

■ 236.1390, 9.2985,  
4.2631

■ 236.7370, 9.0037,  
5.4927

# Harmonies

## Analogous

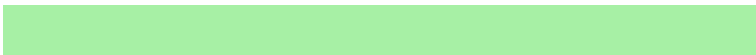
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



218.1990, -42.0031, 32.2745



216.1090, -39.0007, 2.5354



209.6230, -21.9991, -37.3804

# Triad

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



216.1090, -39.0007, 2.5354



182.1980, 35.8914, -125.5846



213.6190, 11.5268, 36.2911

# Complementary

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



216.1090, -39.0007, 2.5354



150.8910, 39.0007, -2.5354

# 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.



222.1280, 16.2059, 28.8287



216.1090, -39.0007, 2.5354



204.4340, 24.9290, -62.6476

# Square

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



216.1090, -39.0007, 2.5354



179.6370, 36.6610, -139.1246



218.3530, 18.0670, -8.2026



209.0760, -8.4185, 40.2753



# Rectangle

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



216.1090, -39.0007, 2.5354



204.0890, -5.4669, -66.7301



218.3530, 18.0670, -8.2026



217.0900, 17.2106, 33.2471

# Sweetspot

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



216.1090, -39.0007, 2.5354



250.2700, -12.9511, 0.6402



171.2640, -16.8922, 51.5115



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.



216.1090, -39.0007, 2.5354



236.2650, -52.3886, 3.2756



202.3550, -32.2200, -25.7443



113.0340, -4.9468, -0.0298



152.0160, -74.9439, 4.3710



43.3920, -21.3923, 1.4102



# Inverse Universe

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



150.8910, 39.0007, -2.5354



148.7350, 52.3886, -3.2756



164.6450, 32.2200, 25.7443



104.9660, 4.9468, 0.0298



26.6850, 75.0913, -4.9857

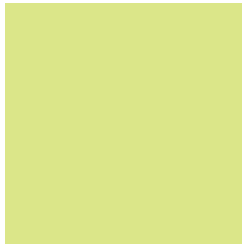


7.6080, 21.3923, -1.4102



# Previews

## White Background



This preview shows how the YUV color 216.1090, -39.0007, 2.5354 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

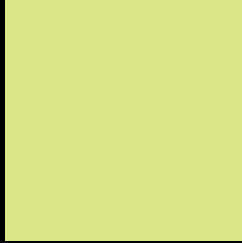
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 216.1090, -39.0007, 2.5354 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

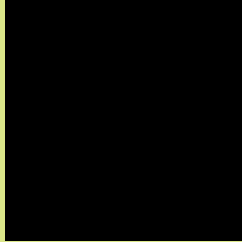
Any Text WCAG AA ✓ Pass

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 216.1090, -39.0007, 2.5354 Background



This preview shows how black text looks on a background with the YUV color 216.1090, -39.0007, 2.5354.



This preview shows how white text looks on a background with the YUV color 216.1090, -39.0007,

2.5354.

# 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

216.1090, -39.0007, 2.5354

### Protanopia

218.2470, -41.5338, 21.7084

### Deuteranopia

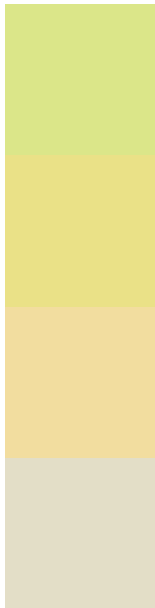
222.5310, -25.4048, 28.4753



## Tritanopia

223.8250, 5.5093, 6.2925

# Trichromacy



## Original Color

216.1090, -39.0007, 2.5354

## Protanomaly

217.4310, -40.6385, 14.5310

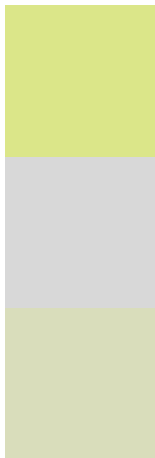
## Deuteranomaly

220.2110, -30.1770, 19.1090

## Tritanomaly

220.8730, -10.7834, 5.3734

# Monochromacy



## Original Color

216.1090, -39.0007, 2.5354

## Achromatopsia

216.0000, 0.0000, 0.0000

## Achromatomaly

215.9280, -14.2615, 0.9401

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 216.1090, -39.0007, 2.5354 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(219, 230, 137)` looks like.

```
.text, #text, p{  
    color:rgb(219, 230, 137)  
}
```

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(219, 230, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 230, 137) }
```

## Border

The CSS property to change the border of an element to YUV 216.1090, -39.0007, 2.5354 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(219, 230, 137) }
```



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

```
.border{ border-color:rgb(219, 230, 137) }
```

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

Here you see how a box with a 4 pixel rgb(219, 230, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 230, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 230, 137);  
box-shadow:4px 4px 4px 4px rgb(219, 230,  
137) }
```

# Background

The CSS property to change the background color of an element to YUV 216.1090, -39.0007, 2.5354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 230, 137) }
```

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

```
.background{ background-color: rgb(219,  
230, 137) }
```

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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