

Converting Colors

YUV(140.6840, -34.3542,
5.5391)

Have a look what the booklet for
YUV(140.6840, -34.3542, 5.5391)
contains.

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Color

**YUV(140.6840, -34.3542,
5.5391)**

Conversions

Conversions Part 1

Format	Color
Hex	939747
RGB	147, 151, 71
RGB Percent	58%, 59%, 28%
CMY	0.4235, 0.4078, 0.7216
CMYK	0.03, 0.00, 0.53, 0.41
HSL	63°, 36%, 44%
HSV	63°, 53%, 59%
XYZ	24.2366, 28.7912, 10.2411
YIQ	140.6840, 23.2960, -25.7280

Conversions

Conversions Part 2

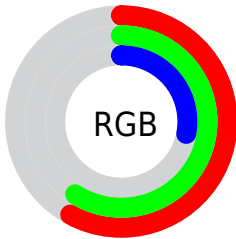
Format	Color
R_{YB}	71, 151, 75
Decimal	9672519
CIE Lab	60.60, -13.09, 41.11
CIE LCh	61, 43.144, 107.669
Yxy	28.7912, 0.3831, 0.4551
Android (android.graphics.Color)	4287862599 (0xFF939747)
YUV	140.6840, -34.3542, 5.5391
Hunter-Lab	53.6574, -13.2737, 26.2441

Details

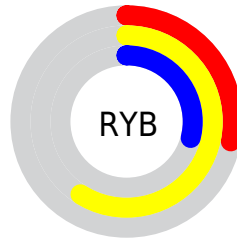
The YUV color **140.6840, -34.3542, 5.5391** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **81.3160, 34.3542, -5.5391**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.9400, -35.9594, 7.0686**, and **89.2000, -33.6226, 4.2096** is the 20% darker color. If you saturate the color by 10%, you get **138.6750, -40.7588, 6.4240**, and if you desaturate by 10%, it is **142.6930, -27.9496, 4.6542**.

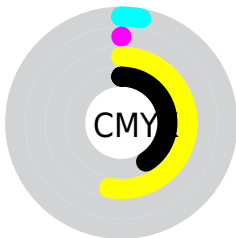
Distribution



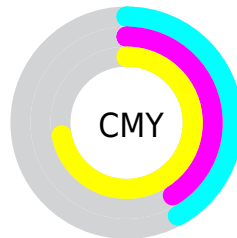
- Red (58%)
- Green (59%)
- Blue (28%)



- Red (28%)
- Yellow (59%)
- Blue (29%)



- Cyan (3%)
- Magenta (0%)
- Yellow (53%)
- Black (41%)



- Cyan (42%)
- Magenta (41%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.6840, -34.3542, 5.5391 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 140.6840, -34.3542, 5.5391 by changing the saturation by 10% instead.

■ 140.6840,
-34.3542, 5.5391

■ 140.6840,
-34.3542, 5.5391

■ 255.0000, 0.0000,
0.0000

■ 114.4990,
-33.7700, 4.8244

■ 194.9400,
-35.9594, 7.0686

■ 89.2000, -33.6226,
4.2096

■ 222.7120,
-36.8330, 7.2686

■ 65.2430, -32.1648,
3.2949

■ 245.8800,
-34.9438, 7.9982

■ 45.1530, -22.2604,
-0.1342

■ 249.0720,
-22.7135, 5.1989

■ 25.6500, -12.6454,
-4.0780

■ 252.3780,
-10.0464, 2.2995

■ 2.3480, -1.1576,
-2.0592

■ 0.0000, 0.0000,

0.0000

■ 140.6840,
-34.3542, 5.5391

■ 140.6840,
-34.3542, 5.5391

■ 138.6750,
-40.7588, 6.4240

■ 142.6930,
-27.9496, 4.6542

■ 136.6660,
-47.1633, 7.3089

■ 144.7020,
-21.5451, 3.7693

■ 134.9560,
-53.7153, 8.8086

■ 146.4120,
-14.9931, 2.2697

■ 132.9470,
-60.1199, 9.6935

■ 148.4210, -8.5886,
1.3848

■ 131.3940,
-64.7772, 10.1785

■ 150.5440, -1.7472,
0.3999

■ 152.5530, 4.6574,
-0.4850

■ 154.2630, 11.2093,
-1.9847

■ 156.2720, 17.6139,
-2.8695

■ 158.2810, 24.0185,
-3.7544

Harmonies

Analogous

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



144.4040, -36.1882, 33.8487



140.6840, -34.3542, 5.5391



135.6180, -21.0107, -27.7290

Triad

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



140.6840, -34.3542, 5.5391



118.5950, 40.6257, -104.0078



149.2790, 7.2575, 52.3753

Complementary

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



140.6840, -34.3542, 5.5391



81.3160, 34.3542, -5.5391

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.



150.9300, 23.2055, 23.7404



140.6840, -34.3542, 5.5391



125.0350, 46.8177, -83.3457

Square

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



140.6840, -34.3542, 5.5391



116.5940, 25.3432, -102.2529



145.3960, 36.2868, -18.7643



146.9370, -10.8149, 62.3223

Rectangle

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



140.6840, -34.3542, 5.5391



128.6390, -6.2310, -54.9344



145.3960, 36.2868, -18.7643



150.0160, 12.8101, 44.7130

Sweetspot

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



140.6840, -34.3542, 5.5391



192.1670, -13.3933, 2.4845



97.2680, -12.9501, 47.1230



96.9480, -7.8624, 1.7996



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



140.6840, -34.3542, 5.5391



179.9560, -53.7153, 8.8086



128.7240, -28.4579, -19.0519



75.7890, -3.3470, 0.1850



121.9470, -60.1199, 9.6935



11.2190, -5.5310, 0.6849

Inverse Universe

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



81.3160, 34.3542, -5.5391



87.0440, 53.7153, -8.8086



93.2760, 28.4579, 19.0519



69.9120, 3.4944, -0.7998



18.0530, 60.1199, -9.6935



1.7810, 5.5310, -0.6849

Previews

White Background



This preview shows how the YUV color 140.6840, -34.3542, 5.5391 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 140.6840, -34.3542, 5.5391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

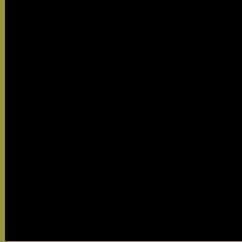
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 140.6840, -34.3542, 5.5391 Background



This preview shows how black text looks on a background with the YUV color 140.6840, -34.3542, 5.5391.



This preview shows how white text looks on a background with the YUV color 140.6840, -34.3542, 5.5391.

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

140.6840, -34.3542, 5.5391

Protanopia

142.0060, -35.9920, 17.5347

Deuteranopia

143.5500, -34.2881, 31.0897



Tritanopia

147.4400, 2.7411, 7.5071

Trichromacy



Original Color

140.6840, -34.3542, 5.5391

Protanomaly

141.7990, -35.3969, 13.3313

Deuteranomaly

142.1960, -34.1136, 21.7531

Tritanomaly

144.8840, -10.7888, 7.1177

Monochromacy



Original Color

140.6840, -34.3542, 5.5391

Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

141.0960, -12.3723, 1.6698

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.6840, -34.3542, 5.5391 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(147, 151, 71)` looks like.

```
.text, #text, p{  
    color:rgb(147, 151, 71)  
}
```

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(147, 151, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 151, 71) }
```

Border

The CSS property to change the border of an element to YUV 140.6840, -34.3542, 5.5391 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(147, 151, 71) }
```


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

```
.border{ border-color:rgb(147, 151, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 151, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 151, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 151, 71);  
box-shadow:4px 4px 4px 4px rgb(147, 151,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 140.6840, -34.3542, 5.5391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 151, 71) }
```

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

```
.background{ background-color: rgb(147,  
151, 71) }
```

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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