

Converting Colors

YUV(139.6340, -38.7666,
-25.9890)

Have a look what the booklet for
YUV(139.6340, -38.7666, -25.9890)
contains.

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Color

**YUV(139.6340, -38.7666,
-25.9890)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 6EAA3D |
| RGB | 110, 170, 61 |
| RGB Percent | 43%, 67%, 24% |
| CMY | 0.5686, 0.3333, 0.7608 |
| CMYK | 0.35, 0.00, 0.64, 0.33 |
| HSL | 93°, 47%, 45% |
| HSV | 93°, 64%, 67% |
| XYZ | 21.6474, 32.4014, 9.5280 |
| YIQ | 139.6340, -0.7710, -46.6190 |

Conversions

Conversions Part 2

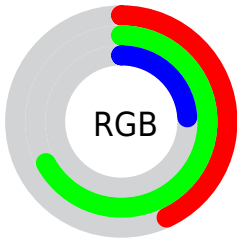
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 61, 170, 121 |
| Decimal | 7252541 |
| CIELab | 63.67, -38.07, 48.57 |
| CIElCh | 64, 61.718, 128.089 |
| Yxy | 32.4014, 0.3405, 0.5096 |
| Android (android.graphics.Color) | 4285442621 (0xFF6EAA3D) |
| YUV | 139.6340, -38.7666, -25.9890 |
| Hunter-Lab | 56.9222, -31.7305, 29.9212 |

Details

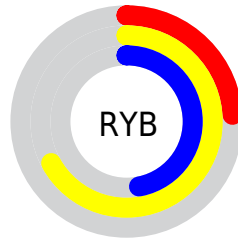
The YUV color **139.6340, -38.7666, -25.9890** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **91.3660, 38.7666, 25.9890**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.8790, -40.3663, -26.2039**, and **85.4230, -42.1135, -25.8040** is the 20% darker color. If you saturate the color by 10%, you get **135.0050, -44.8655, -29.8224**, and if you desaturate by 10%, it is **144.2630, -32.6677, -22.1557**.

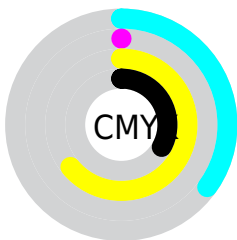
Distribution



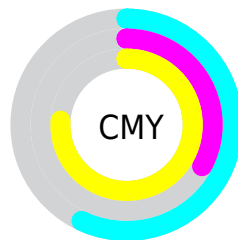
- Red (43%)
- Green (67%)
- Blue (24%)



- Red (24%)
- Yellow (67%)
- Blue (47%)



- Cyan (35%)
- Magenta (0%)
- Yellow (64%)
- Black (33%)



- Cyan (57%)
- Magenta (33%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.6340, -38.7666, -25.9890 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 139.6340, -38.7666, -25.9890 by changing the saturation by 10% instead.

■ 139.6340,
-38.7666, -25.9890

■ 139.6340,
-38.7666, -25.9890

■ 255.0000, 0.0000,
0.0000

■ 112.6340,
-38.7666, -25.9890

■ 194.8790,
-40.3663, -26.2039

■ 85.4230, -42.1135,
-25.8040

■ 223.3520,
-41.0925, -26.6187

■ 61.7780, -30.4566,
-31.3773

■ 235.1010,
-33.5738, -11.4896

■ 39.9160, -19.6786,
-35.0063

■ 247.2630,
-25.7657, 4.1543

■ 26.4150, -13.0226,
-23.1660

■ 251.4660,
-13.5407, 3.0993

■ 12.3270, -6.0772,
-10.8108

■ 254.7720, -0.8736,

■ 0.0000, 0.0000,

0.2000

0.0000

■ 139.6340,
-38.7666, -25.9890

■ 139.6340,
-38.7666, -25.9890

■ 135.0050,
-44.8655, -29.8224

■ 144.2630,
-32.6677, -22.1557

■ 130.0770,
-50.8170, -34.2705

■ 149.1910,
-26.7162, -17.7075

■ 125.4480,
-56.9159, -38.1039

■ 153.8200,
-20.6173, -13.8741

■ 122.5140,
-60.3994, -40.7928

■ 158.4490,
-14.5184, -10.0408

■ 163.3770, -8.5669,
-5.5926

■ 168.0060, -2.4680,
-1.7593

■ 172.9340, 3.4835,
2.6889

■ 177.5630, 9.5824,
6.5222

■ 182.1920, 15.6813,
10.3556

Harmonies

Analogous

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



145.6370, -56.5160, 20.4894



139.6340, -38.7666, -25.9890



117.1400, -3.0270, -102.7318

Triad

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



139.6340, -38.7666, -25.9890



129.4470, 61.8976, -113.5250



152.0080, -4.9339, 89.4470

Complementary

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



139.6340, -38.7666, -25.9890



91.3660, 38.7666, 25.9890

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.



156.2820, 19.5810, 66.4047



139.6340, -38.7666, -25.9890



138.8810, 57.2467, -68.3016

Square

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



139.6340, -38.7666, -25.9890



130.2670, 44.7314, -114.2442



158.1690, 40.8357, 15.6378



150.6180, -30.3777, 83.6500

Rectangle

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



139.6340, -38.7666, -25.9890



122.6460, 12.9925, -107.5605



158.1690, 40.8357, 15.6378



152.8640, 3.5180, 85.1883

Sweetspot

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



139.6340, -38.7666, -25.9890



210.3350, -14.9552, -9.9408



128.8110, -33.4308, 36.1228



104.8500, -9.2930, -6.0074



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



139.6340, -38.7666, -25.9890



174.4000, -60.8362, -40.6928



125.5530, -29.3596, -56.6130



81.8920, -2.9048, -1.6593



106.6100, -52.5587, -35.6150



14.4310, -7.1145, -4.7630

Inverse Universe

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



91.3660, 38.7666, 25.9890



98.6000, 60.8362, 40.6928



105.4470, 29.3596, 56.6130



78.1080, 2.9048, 1.6593



41.0910, 52.7061, 35.0002



5.5690, 7.1145, 4.7630

Previews

White Background



This preview shows how the YUV color 139.6340, -38.7666, -25.9890 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 139.6340, -38.7666, -25.9890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

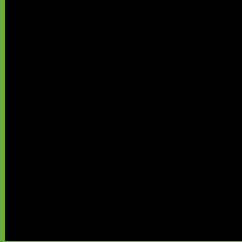
Any Text WCAG AA ✓ Pass

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 139.6340, -38.7666, -25.9890 Background



This preview shows how black text looks on a background with the YUV color 139.6340, -38.7666, -25.9890.



This preview shows how white text looks on a background with the YUV color 139.6340, -38.7666, -25.9890.

-25.9890.

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

139.6340, -38.7666, -25.9890

Protanopia

147.9110, -45.3121, 20.2491

Deuteranopia

150.2640, -40.5562, 34.8485



Tritanopia

150.6150, 10.5428, -21.5874

Trichromacy



Original Color

139.6340, -38.7666, -25.9890

Protanomaly

145.0830, -42.9319, 3.4352

Deuteranomaly

146.5340, -40.1963, 12.6867

Tritanomaly

146.6090, -7.2022, -23.3361

Monochromacy



Original Color

139.6340, -38.7666, -25.9890

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.8620, -14.2290, -9.5260

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.6340, -38.7666, -25.9890 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(110, 170, 61)` looks like.

```
.text, #text, p{  
    color:rgb(110, 170, 61)  
}
```

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(110, 170, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 170, 61) }
```

Border

The CSS property to change the border of an element to YUV 139.6340, -38.7666, -25.9890 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(110, 170, 61) }
```


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

```
.border{ border-color:rgb(110, 170, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 170, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 170, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 170, 61);  
box-shadow:4px 4px 4px 4px rgb(110, 170,  
61) }
```

Background

The CSS property to change the background color of an element to YUV 139.6340, -38.7666, -25.9890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 170, 61) }
```

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

```
.background{ background-color: rgb(110,  
170, 61) }
```

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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