

Converting Colors

YUV(129.2350, -39.5559,
87.4939)

Have a look what the booklet for
YUV(129.2350, -39.5559, 87.4939)
contains.

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Color

**YUV(129.2350, -39.5559,
87.4939)**

Conversions

Conversions Part 1

Format	Color
Hex	E55E31
RGB	229, 94, 49
RGB Percent	90%, 37%, 19%
CMY	0.1020, 0.6314, 0.8078
CMYK	0.00, 0.59, 0.79, 0.10
HSL	15°, 78%, 55%
HSV	15°, 79%, 90%
XYZ	36.8702, 24.8852, 5.7658
YIQ	129.2350, 94.9050, 14.6250

Conversions

Conversions Part 2

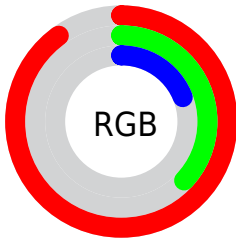
Format	Color
R _Y B	229, 109, 49
Decimal	15031857
CIE Lab	56.96, 50.16, 50.70
CIE LCh	57, 71.315, 45.305
Yxy	24.8852, 0.5461, 0.3686
Android (android.graphics.Color)	4293221937 (0xFFE55E31)
YUV	129.2350, -39.5559, 87.4939
Hunter-Lab	49.8850, 44.6311, 28.0667

Details

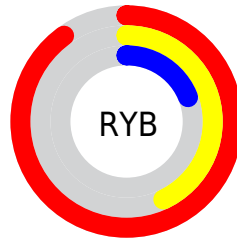
The YUV color **129.2350, -39.5559, 87.4939** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **148.7650, 39.5559, -87.4939**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.2930, -37.6124, 70.7800**, and **72.5270, -35.7558, 81.9758** is the 20% darker color. If you saturate the color by 10%, you get **116.6340, -44.6826, 98.5450**, and if you desaturate by 10%, it is **141.8360, -34.4291, 76.4428**.

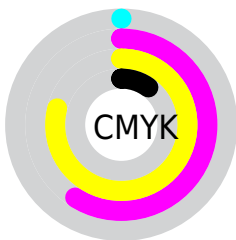
Distribution



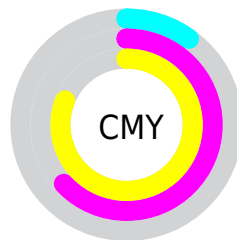
- Red (90%)
- Green (37%)
- Blue (19%)



- Red (90%)
- Yellow (43%)
- Blue (19%)



- Cyan (0%)
- Magenta (59%)
- Yellow (79%)
- Black (10%)





- Cyan (10%)
- Magenta (63%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.2350, -39.5559, 87.4939 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 129.2350, -39.5559, 87.4939 by changing the saturation by 10% instead.


 129.2350,
-39.5559, 87.4939


 129.2350,
-39.5559, 87.4939


255.0000, 0.0000,
0.0000


 100.9680,
-37.9452, 84.2201


 174.2930,
-37.6124, 70.7800


 72.5270, -35.7558,
81.9758


 193.6930,
-34.3586, 53.7662

 40.3650, -19.8999,
82.9949

 213.7940,
-30.9574, 36.1377

 31.0960, -15.3303,
63.9368

 233.8950,
-27.5562, 18.5091

 22.4250, -11.0555,
46.1083

 249.4140,
-21.4031, 4.8989

 14.5800, -6.2019,
29.3093

 252.6060, -9.1728,

 0.0000, 0.0000,

2.0995

0.0000

■ 129.2350,
-39.5559, 87.4939

■ 129.2350,
-39.5559, 87.4939

■ 116.6340,
-44.6826, 98.5450

■ 141.8360,
-34.4291, 76.4428

■ 104.0330,
-49.8093, 109.5961

■ 154.4370,
-29.3024, 65.3918


■ 101.9300,
-50.2515, 111.4404


■ 167.6250,
-24.4651, 53.8259

■ 180.2260,
-19.3384, 42.7748

■ 192.7130,
-14.6485, 31.8237

■ 205.3140, -9.5218,
20.7726

 217.9150, -4.3951,
9.7215

 230.5160, 0.7316,
-1.3295

 243.7040, 5.5689,
-12.8954

Harmonies

Analogous

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



126.3690, -9.0559, 104.9164



129.2350, -39.5559, 87.4939



128.7120, -63.4550, 52.8726

Triad

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



129.2350, -39.5559, 87.4939



107.4230, -2.1805, -94.2100



121.4930, 65.8190, -64.4534

Complementary

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



129.2350, -39.5559, 87.4939



148.7650, 39.5559, -87.4939

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.



118.8810, 67.1067, -104.2586



129.2350, -39.5559, 87.4939



116.0070, 25.6325, -101.7381

Square

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



129.2350, -39.5559, 87.4939



112.9470, -36.9489, -49.0655



120.6300, 50.9614, -105.7925



139.9200, 41.9444, 33.3962

Rectangle

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



129.2350, -39.5559, 87.4939



127.3510, -62.7840, 24.2482



120.6300, 50.9614, -105.7925



111.8370, 70.5794, -98.0810

Sweetspot

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



129.2350, -39.5559, 87.4939



221.0440, -13.3327, 29.7794



118.2100, 32.4345, 97.1628



107.3460, -8.0586, 18.1136



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.



129.2350, -39.5559, 87.4939



121.9800, -52.7411, 116.6585



182.0650, -65.6010, 41.1620



108.3490, -2.6371, 5.8329



79.9360, -39.4084, 86.8791



22.8800, -11.2798, 24.6612

Inverse Universe

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



148.7650, 39.5559, -87.4939



148.0200, 52.7411, -116.6585



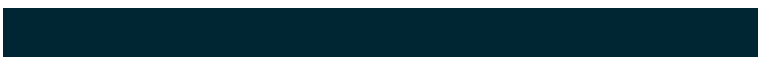
95.9350, 65.6010, -41.1620



109.6510, 2.6371, -5.8329



99.0640, 39.4084, -86.8791



28.1200, 11.2798, -24.6612

Previews

White Background



This preview shows how the YUV color 129.2350, -39.5559, 87.4939 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 129.2350, -39.5559, 87.4939 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 129.2350, -39.5559, 87.4939

Background



This preview shows how black text looks on a background with the YUV color 129.2350, -39.5559, 87.4939.



This preview shows how white text looks on a background with the YUV color 129.2350, -39.5559, 87.4939.

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

129.2350, -39.5559, 87.4939

Protanopia

132.8210, -35.4078, 16.8200

Deuteranopia

132.0700, -46.3765, 35.0186



Tritanopia

132.0280, -18.7478, 86.7984

Trichromacy



Original Color

129.2350, -39.5559, 87.4939

Protanomaly

131.3450, -36.6521, 42.6704

Deuteranomaly

131.1740, -43.9628, 54.2214

Tritanomaly

131.0790, -26.1679, 86.7537

Monochromacy



Original Color

129.2350, -39.5559, 87.4939

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.8270, -14.2117, 31.7237

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.2350, -39.5559, 87.4939 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(229, 94, 49)` looks like.

```
.text, #text, p{  
    color:rgb(229, 94, 49)  
}
```

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(229, 94, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 94, 49) }
```

Border

The CSS property to change the border of an element to YUV 129.2350, -39.5559, 87.4939 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(229, 94, 49) }
```


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

```
.border{ border-color:rgb(229, 94, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 94, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 94, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 94, 49);  
box-shadow:4px 4px 4px 4px rgb(229, 94,  
49) }
```

Background

The CSS property to change the background color of an element to YUV 129.2350, -39.5559, 87.4939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 94, 49) }
```

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

```
.background{ background-color: rgb(229, 94,  
49) }
```

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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