

Converting Colors

YUV(139.1840, -49.3907,
21.7636)

Have a look what the booklet for
YUV(139.1840, -49.3907, 21.7636)
contains.

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Color

**YUV(139.1840, -49.3907,
21.7636)**

Conversions

Conversions Part 1

Format	Color
Hex	A49227
RGB	164, 146, 39
RGB Percent	64%, 57%, 15%
CMY	0.3569, 0.4275, 0.8471
CMYK	0.00, 0.11, 0.76, 0.36
HSL	51°, 62%, 40%
HSV	51°, 76%, 64%
XYZ	25.9549, 28.5968, 6.0712
YIQ	139.1840, 45.0750, -29.4610

Conversions

Conversions Part 2

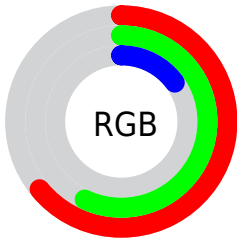
Format	Color
RYB	60, 164, 39
Decimal	10785319
CIELab	60.42, -5.03, 55.36
CIELCh	60, 55.586, 95.189
Yxy	28.5968, 0.4281, 0.4717
Android (android.graphics.Color)	4288975399 (0xFFA49227)
YUV	139.1840, -49.3907, 21.7636
Hunter-Lab	53.4759, -6.9466, 30.7019

Details

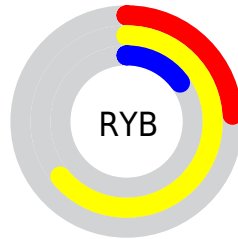
The YUV color **139.1840, -49.3907, 21.7636** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **63.8160, 49.3907, -21.7636**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.3800, -49.9803, 24.2227**, and **88.6440, -43.7015, 16.9752** is the 20% darker color. If you saturate the color by 10%, you get **136.1860, -55.8007, 24.3929**, and if you desaturate by 10%, it is **142.1820, -42.9807, 19.1344**.

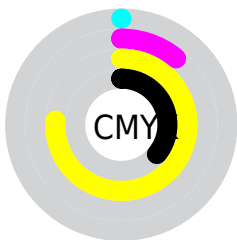
Distribution



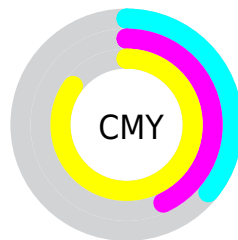
- Red (64%)
- Green (57%)
- Blue (15%)



- Red (24%)
- Yellow (64%)
- Blue (15%)



- Cyan (0%)
- Magenta (11%)
- Yellow (76%)
- Black (36%)



- Cyan (36%)
- Magenta (43%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.1840, -49.3907, 21.7636 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 139.1840, -49.3907, 21.7636 by changing the saturation by 10% instead.

■ 139.1840,
-49.3907, 21.7636

■ 139.1840,
-49.3907, 21.7636

■ 255.0000, 0.0000,
0.0000

■ 111.4460,
-53.4639, 21.5339

■ 194.3800,
-49.9803, 24.2227

■ 88.6440, -43.7015,
16.9752

■ 222.7500,
-51.1487, 25.6523

■ 66.7820, -32.9235,
13.3462

■ 242.5740,
-47.6110, 10.8976

■ 46.0940, -22.7243,
8.6876

■ 245.7660,
-35.3806, 8.0982

■ 26.8790, -13.2513,
3.6141

■ 248.9580,
-23.1503, 5.2988

■ 1.7610, -0.8682,
-1.5444

■ 252.1500,

■ 0.0000, 0.0000,

-10.9200, 2.4994

0.0000

■ 139.1840,
-49.3907, 21.7636

■ 139.1840,
-49.3907, 21.7636

■ 136.1860,
-55.8007, 24.3929

■ 142.1820,
-42.9807, 19.1344

■ 132.4870,
-62.3581, 27.6369

■ 145.8810,
-36.4233, 15.8904

■ 131.2160,
-64.6895, 28.7516

■ 148.8790,
-30.0133, 13.2611

■ 151.9910,
-23.1666, 10.5319

■ 155.5760,
-17.0460, 7.3878

■ 158.5740,
-10.6360, 4.7586

■ 162.2730, -4.0786,
1.5146

■ 165.2710, 2.3314,
-1.1147

■ 168.3830, 9.1782,
-3.8439

Harmonies

Analogous

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



142.4020, -43.0892, 54.0214



139.1840, -49.3907, 21.7636



133.9600, -36.4623, -18.3819

Triad

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



139.1840, -49.3907, 21.7636



121.5300, 39.1787, -106.5818



148.8030, 19.3241, 55.4238

Complementary

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



139.1840, -49.3907, 21.7636



63.8160, 49.3907, -21.7636

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.



149.0280, 37.9472, 8.7454



139.1840, -49.3907, 21.7636



121.7700, 55.3294, -106.7923

Square

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



139.1840, -49.3907, 21.7636



116.6450, 17.9230, -102.2977



130.7240, 55.3521, -67.2869



144.5120, -2.7174, 78.4810

Rectangle

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



139.1840, -49.3907, 21.7636



126.2190, -19.3350, -51.9351



130.7240, 55.3521, -67.2869



149.7350, 25.7666, 42.3284

Sweetspot

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



139.1840, -49.3907, 21.7636



204.3050, -19.3774, 8.5025



78.5410, -10.1267, 74.9475



101.2320, -11.9464, 5.0585



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



139.1840, -49.3907, 21.7636



175.3340, -77.0727, 33.9101



136.5940, -48.1138, -14.5529



79.8000, -3.3524, 1.9294



116.1430, -57.2585, 25.3076



14.1870, -6.9942, 3.3440

Inverse Universe

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



63.8160, 49.3907, -21.7636



57.6660, 77.0727, -33.9101



66.4060, 48.1138, 14.5529



75.2000, 3.3524, -1.9294



28.8570, 57.2585, -25.3076



3.8130, 6.9942, -3.3440

Previews

White Background



This preview shows how the YUV color 139.1840, -49.3907, 21.7636 looks on a white background.

Color Contrast Check

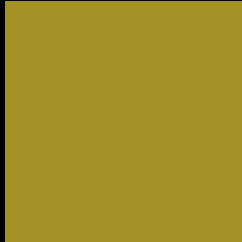
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.1840, -49.3907, 21.7636 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 139.1840, -49.3907, 21.7636

Background



This preview shows how black text looks on a background with the YUV color 139.1840, -49.3907, 21.7636.



This preview shows how white text looks on a background with the YUV color 139.1840, -49.3907, 21.7636.

21.7636.

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

139.1840, -49.3907, 21.7636

Protanopia

139.1840, -49.3907, 21.7636

Deuteranopia

140.5110, -48.5659, 37.2629



Tritanopia

148.0180, -0.5019, 21.0322

Trichromacy



Original Color

139.1840, -49.3907, 21.7636

Protanomaly

139.1840, -49.3907, 21.7636

Deuteranomaly

140.0650, -48.8390, 31.5150

Tritanomaly

145.0230, -18.2523, 21.0278

Monochromacy



Original Color

139.1840, -49.3907, 21.7636

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

139.3480, -17.9196, 7.5878

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.1840, -49.3907, 21.7636 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(164, 146, 39)` looks like.

```
.text, #text, p{  
    color:rgb(164, 146, 39)  
}
```

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(164, 146, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 146, 39) }
```

Border

The CSS property to change the border of an element to YUV 139.1840, -49.3907, 21.7636 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(164, 146, 39) }
```


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

```
.border{ border-color:rgb(164, 146, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 146, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 146, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 146, 39);  
box-shadow:4px 4px 4px 4px rgb(164, 146,  
39) }
```

Background

The CSS property to change the background color of an element to YUV 139.1840, -49.3907, 21.7636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 146, 39) }
```

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

```
.background{ background-color: rgb(164,  
146, 39) }
```

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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