

Converting Colors

YUV(150.9710, -39.9187,
-29.7926)

Have a look what the booklet for
YUV(150.9710, -39.9187, -29.7926)
contains.

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Color

**YUV(150.9710, -39.9187,
-29.7926)**

Conversions

Conversions Part 1

Format	Color
Hex	75B846
RGB	117, 184, 70
RGB Percent	46%, 72%, 27%
CMY	0.5412, 0.2784, 0.7255
CMYK	0.36, 0.00, 0.62, 0.28
HSL	95°, 45%, 50%
HSV	95°, 62%, 72%
XYZ	25.5821, 38.5051, 11.8783
YIQ	150.9710, -3.3380, -49.6580

Conversions

Conversions Part 2

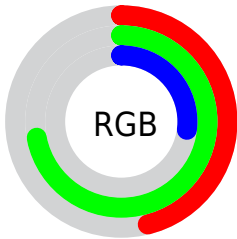
Format	Color
RYB	70, 184, 137
Decimal	7714886
CIELab	68.39, -40.93, 49.94
CIELCh	68, 64.568, 129.338
Yxy	38.5051, 0.3368, 0.5069
Android (android.graphics.Color)	4285904966 (0xFF75B846)
YUV	150.9710, -39.9187, -29.7926
Hunter-Lab	62.0525, -35.0024, 32.0873

Details

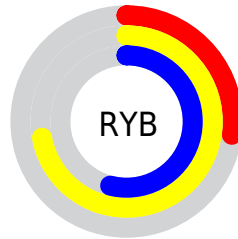
The YUV color **150.9710, -39.9187, -29.7926** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **103.0290, 39.9187, 29.7926**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.6290, -41.2291, -29.4926**, and **96.1020, -41.9553, -29.9075** is the 20% darker color. If you saturate the color by 10%, you get **145.6300, -46.1596, -34.7555**, and if you desaturate by 10%, it is **156.3120, -33.6778, -24.8296**.

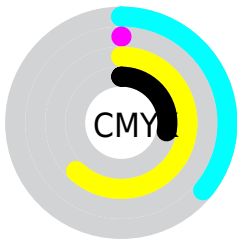
Distribution



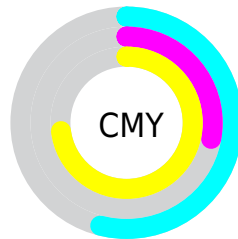
- Red (46%)
- Green (72%)
- Blue (27%)



- Red (27%)
- Yellow (72%)
- Blue (54%)



- Cyan (36%)
- Magenta (0%)
- Yellow (62%)
- Black (28%)



- Cyan (54%)
- Magenta (28%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.9710, -39.9187, -29.7926 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 150.9710, -39.9187, -29.7926 by changing the saturation by 10% instead.

■ 150.9710,
-39.9187, -29.7926

■ 150.9710,
-39.9187, -29.7926

■ 255.0000, 0.0000,
0.0000

■ 123.9710,
-39.9187, -29.7926

■ 206.6290,
-41.2291, -29.4926

■ 96.1020, -41.9553,
-29.9075

■ 226.8840,
-37.9038, -22.7003

■ 71.2030, -35.1031,
-34.3810

■ 238.9320,
-30.5325, -6.9564

■ 46.9600, -23.1513,
-41.1839

■ 249.3000,
-21.8399, 4.9989

■ 32.8720, -16.2059,
-28.8287

■ 252.6060, -9.1728,
2.0995

■ 21.1320, -10.4181,
-18.5328

■ 0.0000, 0.0000,

0.0000

■ 150.9710,
-39.9187, -29.7926

■ 150.9710,
-39.9187, -29.7926

■ 145.6300,
-46.1596, -34.7555

■ 156.3120,
-33.6778, -24.8296

■ 140.1750,
-52.8373, -39.6185

■ 161.7670,
-27.0001, -19.9667

■ 135.1330,
-59.2256, -43.9666

■ 166.8090,
-20.6118, -15.6185

■ 130.7320,
-64.4509, -48.0000

■ 172.2640,
-13.9342, -10.7555

■ 177.6050, -7.6933,
-5.7926

■ 182.9460, -1.4524,
-0.8296

■ 188.4010, 5.2253,
4.0333

■ 193.7420, 11.4662,
8.9963

■ 198.8980, 18.2913,
13.2445

Harmonies

Analogous

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



157.8280, -59.5682, 19.4448



150.9710, -39.9187, -29.7926



126.7260, -1.8369, -111.1387

Triad

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



150.9710, -39.9187, -29.7926



137.0780, 58.1355, -120.2174



159.2030, -4.0441, 84.0140

Complementary

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



150.9710, -39.9187, -29.7926



103.0290, 39.9187, 29.7926

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.



169.3150, 19.5647, 71.6377



150.9710, -39.9187, -29.7926



150.7200, 51.4100, -62.8984

Square

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



150.9710, -39.9187, -29.7926



140.5370, 48.5423, -123.2509



170.7180, 41.5510, 19.5413



161.1510, -32.1194, 82.3056

Rectangle

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



150.9710, -39.9187, -29.7926



132.5740, 15.4930, -116.2674



170.7180, 41.5510, 19.5413



161.4830, 4.6919, 82.0144

Sweetspot

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



150.9710, -39.9187, -29.7926



226.6830, -16.1127, -12.0000



143.4150, -36.1936, 35.5930



112.0240, -9.8718, -7.0370



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



150.9710, -39.9187, -29.7926



188.3130, -62.2723, -46.7555



137.9440, -29.0594, -59.5869



89.1800, -3.0467, -2.7889



110.7080, -54.5790, -40.9629



20.0240, -9.8718, -7.0370

Inverse Universe

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



103.0290, 39.9187, 29.7926



113.6870, 62.2723, 46.7555



116.0560, 29.0594, 59.5869



85.5210, 3.1941, 2.1741



44.9930, 54.7265, 40.3481



7.9760, 9.8718, 7.0370

Previews

White Background



This preview shows how the YUV color 150.9710, -39.9187, -29.7926 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 150.9710, -39.9187, -29.7926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

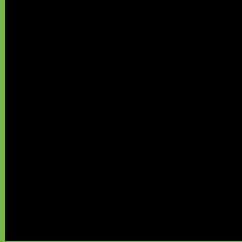
Any Text WCAG AA ✓ Pass

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 150.9710, -39.9187, -29.7926 Background



This preview shows how black text looks on a background with the YUV color 150.9710, -39.9187, -29.7926.



This preview shows how white text looks on a background with the YUV color 150.9710, -39.9187, -29.7926.

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

150.9710, -39.9187, -29.7926

Protanopia

160.1670, -46.9173, 21.7785

Deuteranopia

162.9330, -41.8720, 36.8928



Tritanopia

162.5330, 11.5692, -24.1464

Trichromacy



Original Color

150.9710, -39.9187, -29.7926

Protanomaly

157.0290, -44.3843, 2.6056

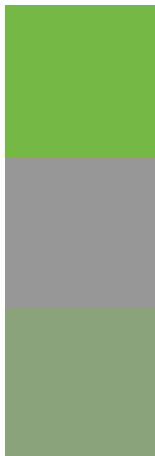
Deuteranomaly

158.3060, -41.0699, 12.8866

Tritanomaly

158.0000, -6.9020, -26.3100

Monochromacy



Original Color

150.9710, -39.9187, -29.7926

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.1500, -14.3709, -10.6555

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.9710, -39.9187, -29.7926 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(117, 184, 70)` looks like.

```
.text, #text, p{  
    color:rgb(117, 184, 70)  
}
```

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(117, 184, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 184, 70) }
```

Border

The CSS property to change the border of an element to YUV 150.9710, -39.9187, -29.7926 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(117, 184, 70) }
```


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

```
.border{ border-color:rgb(117, 184, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 184, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 184, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 184, 70);  
box-shadow:4px 4px 4px 4px rgb(117, 184,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 150.9710, -39.9187, -29.7926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 184, 70) }
```

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

```
.background{ background-color: rgb(117,  
184, 70) }
```

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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