

Converting Colors

YUV(149.4910, -55.4581,
-39.0186)

Have a look what the booklet for
YUV(149.4910, -55.4581, -39.0186)
contains.

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Color

**YUV(149.4910, -55.4581,
-39.0186)**

Conversions

Conversions Part 1

Format	Color
Hex	69C225
RGB	105, 194, 37
RGB Percent	41%, 76%, 15%
CMY	0.5882, 0.2392, 0.8549
CMYK	0.46, 0.00, 0.81, 0.24
HSL	94°, 68%, 45%
HSV	94°, 81%, 76%
XYZ	25.4514, 41.7204, 8.4617
YIQ	149.4910, -2.6470, -67.6950

Conversions

Conversions Part 2

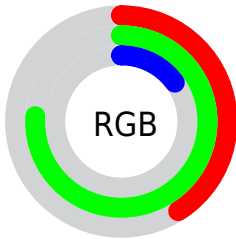
Format	Color
RYB	37, 194, 126
Decimal	6930981
CIELab	70.68, -51.33, 64.10
CIELCh	71, 82.119, 128.692
Yxy	41.7204, 0.3365, 0.5516
Android (android.graphics.Color)	4285121061 (0xFF69C225)
YUV	149.4910, -55.4581, -39.0186
Hunter-Lab	64.5913, -42.6991, 37.4467

Details

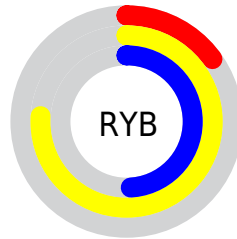
The YUV color **149.4910, -55.4581, -39.0186** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **81.5090, 55.4581, 39.0186**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.0180, -54.7319, -38.6038**, and **94.1510, -46.4164, -45.7364** is the 20% darker color. If you saturate the color by 10%, you get **144.0360, -62.1357, -43.8816**, and if you desaturate by 10%, it is **154.9460, -48.7804, -34.1556**.

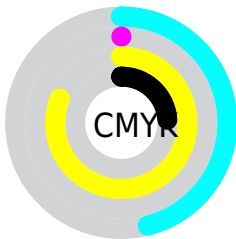
Distribution



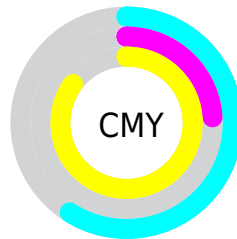
- Red (41%)
- Green (76%)
- Blue (15%)



- Red (15%)
- Yellow (76%)
- Blue (49%)



- Cyan (46%)
- Magenta (0%)
- Yellow (81%)
- Black (24%)



- Cyan (59%)
- Magenta (24%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.4910, -55.4581, -39.0186 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 149.4910, -55.4581, -39.0186 by changing the saturation by 10% instead.

■ 149.4910,
-55.4581, -39.0186

■ 149.4910,
-55.4581, -39.0186

255.0000, 0.0000,
0.0000

■ 119.8670,
-59.0944, -39.3484

■ 207.0180,
-54.7319, -38.6038

■ 94.1510, -46.4164,
-45.7364

■ 221.2290,
-47.9339, -25.6338

■ 66.3310, -32.7012,
-58.1723

■ 233.3910,
-40.1258, -9.9899

■ 51.6560, -25.4664,
-45.3023

■ 245.5530,
-32.3176, 5.6540

■ 36.9810, -18.2316,
-32.4323

■ 249.7560,
-20.0927, 4.5990

■ 24.6540, -12.1544,
-21.6216

■ 253.0620, -7.4256,

■ 2.9350, -1.4470,

1.6996

-2.5740

■ 0.0000, 0.0000,
0.0000

■ 149.4910,
-55.4581, -39.0186

■ 149.4910,
-55.4581, -39.0186

■ 144.0360,
-62.1357, -43.8816

■ 154.9460,
-48.7804, -34.1556

■ 138.9940,
-68.5240, -48.2297

■ 160.5150,
-41.6659, -29.3927

■ 165.9700,
-34.9882, -24.5297

■ 171.5390,
-27.8737, -19.7667

■ 176.9940,
-21.1960, -14.9037

■ 182.4490,
-14.5184, -10.0408

■ 188.0180, -7.4039,
-5.2778

■ 193.4730, -0.7262,
-0.4148

■ 199.0420, 6.3883,
4.3482

Harmonies

Analogous

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



159.8120, -78.7873, 23.8439



149.4910, -55.4581, -39.0186



132.2710, -8.5146, -116.0017

Triad

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



149.4910, -55.4581, -39.0186



143.5350, 54.9522, -125.8802



147.2180, 3.3435, 94.5248

Complementary

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



149.4910, -55.4581, -39.0186



81.5090, 55.4581, 39.0186

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.



164.5730, 31.7625, 79.3045



149.4910, -55.4581, -39.0186



131.7950, 60.7401, -115.5842

Square

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



149.4910, -55.4581, -39.0186



149.4050, 52.0583, -131.0282



172.8220, 40.5138, 25.5891



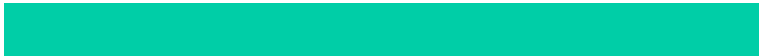
153.2120, -34.6145, 89.2681

Rectangle

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



149.4910, -55.4581, -39.0186



139.9600, 13.3307, -122.7449



172.8220, 40.5138, 25.5891



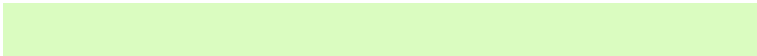
150.0680, 14.2635, 92.0254

Sweetspot

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



149.4910, -55.4581, -39.0186



234.9940, -21.1960, -14.9037



136.1860, -48.8987, 50.7029



117.5030, -13.0660, -9.2111



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.



149.4910, -55.4581, -39.0186



182.9220, -86.2365, -60.4446



130.2990, -41.0664, -81.8232



94.0660, -3.4835, -2.6889



115.4370, -56.9104, -39.8482



23.5570, -11.6136, -8.3815

Inverse Universe

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



81.5090, 55.4581, 39.0186



77.0780, 86.2365, 60.4446



100.7010, 41.0664, 81.8232



89.9340, 3.4835, 2.6889



45.5630, 56.9104, 39.8482



9.4430, 11.6136, 8.3815

Previews

White Background



This preview shows how the YUV color 149.4910, -55.4581, -39.0186 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 149.4910, -55.4581, -39.0186 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 149.4910, -55.4581, -39.0186 Background



This preview shows how black text looks on a background with the YUV color 149.4910, -55.4581, -39.0186.



This preview shows how white text looks on a background with the YUV color 149.4910, -55.4581, -39.0186.

-39.0186.

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

149.4910, -55.4581, -39.0186

Protanopia

162.2050, -64.6841, 27.0072

Deuteranopia

166.0080, -55.7129, 42.9660



Tritanopia

167.0480, 13.7803, -33.3681

Trichromacy



Original Color

149.4910, -55.4581, -39.0186

Protanomaly

157.5610, -61.4086, 3.0160

Deuteranomaly

159.8210, -55.6208, 13.3120

Tritanomaly

160.7940, -11.2374, -35.7763

Monochromacy



Original Color

149.4910, -55.4581, -39.0186

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

148.9340, -20.1805, -13.9741

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.4910, -55.4581, -39.0186 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(105, 194, 37)` looks like.

```
.text, #text, p{  
    color:rgb(105, 194, 37)  
}
```

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(105, 194, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 194, 37) }
```

Border

The CSS property to change the border of an element to YUV 149.4910, -55.4581, -39.0186 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(105, 194, 37) }
```


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

```
.border{ border-color:rgb(105, 194, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 194, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 194, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 194, 37);  
box-shadow:4px 4px 4px 4px rgb(105, 194,  
37) }
```

Background

The CSS property to change the background color of an element to YUV 149.4910, -55.4581, -39.0186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 194, 37) }
```

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

```
.background{ background-color: rgb(105,  
194, 37) }
```

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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