

Converting Colors

YUV(159.4710, -71.7172,
-3.9211)

Have a look what the booklet for
YUV(159.4710, -71.7172, -3.9211)
contains.

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Color

**YUV(159.4710, -71.7172,
-3.9211)**

Conversions

Conversions Part 1

Format	Color
Hex	9BBE0E
RGB	155, 190, 14
RGB Percent	61%, 75%, 5%
CMY	0.3922, 0.2549, 0.9451
CMYK	0.18, 0.00, 0.93, 0.25
HSL	72°, 86%, 40%
HSV	72°, 93%, 75%
XYZ	32.0103, 43.8272, 7.1878
YIQ	159.4710, 35.6360, -62.1560

Conversions

Conversions Part 2

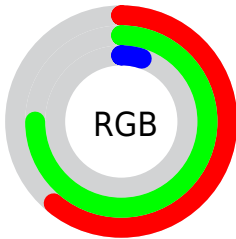
Format	Color
RYB	14, 190, 49
Decimal	10206734
CIELab	72.11, -31.92, 71.09
CIElCh	72, 77.927, 114.184
Yxy	43.8272, 0.3855, 0.5279
Android (android.graphics.Color)	4288396814 (0xFF9BBE0E)
YUV	159.4710, -71.7172, -3.9211
Hunter-Lab	66.2021, -29.5447, 39.9041

Details

The YUV color **159.4710, -71.7172, -3.9211** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **44.5290, 71.7172, 3.9211**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.7790, -65.4600, -4.1912**, and **110.0200, -54.2399, -9.6645** is the 20% darker color. If you saturate the color by 10%, you get **156.9780, -77.3902, -4.3657**, and if you desaturate by 10%, it is **162.8330, -64.0077, -3.3615**.

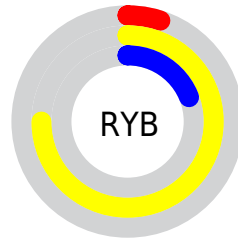
Distribution



Red (61%)

Green (75%)

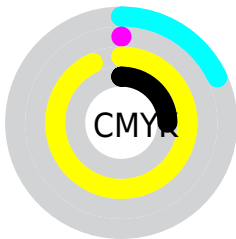
Blue (5%)



Red (5%)

Yellow (75%)

Blue (19%)

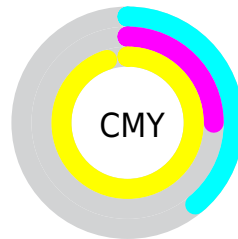


Cyan (18%)

Magenta (0%)

Yellow (93%)

Black (25%)



Cyan (39%)

Magenta (25%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.4710, -71.7172, -3.9211 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 159.4710, -71.7172, -3.9211 by changing the saturation by 10% instead.

■ 159.4710,
-71.7172, -3.9211

■ 159.4710,
-71.7172, -3.9211

■ 255.0000, 0.0000,
0.0000

■ 133.6540,
-65.8914, -5.8356

■ 217.7790,
-65.4600, -4.1912

■ 110.0200,
-54.2399, -9.6645

■ 235.2240,
-60.2564, 6.8196

■ 86.3860, -42.5883,
-13.4935

■ 242.0040,
-49.7950, 11.3975

■ 63.0400, -31.0787,
-18.4521

■ 245.3100,
-37.1278, 8.4981

■ 39.6720, -19.5583,
-26.8993

■ 248.6160,
-24.4607, 5.5988

■ 24.0670, -11.8650,
-21.1068

■ 251.9220,

■ 8.2180, -4.0515,

-11.7935, 2.6994

-7.2072

■ 0.0000, 0.0000,
0.0000

■ 159.4710,
-71.7172, -3.9211

■ 159.4710,
-71.7172, -3.9211

■ 156.9780,
-77.3902, -4.3657

■ 162.8330,
-64.0077, -3.3615

■ 166.1950,
-56.2981, -2.8020

■ 169.2580,
-48.4412, -2.8573

■ 172.6200,
-40.7317, -2.2977

■ 175.9820,
-33.0221, -1.7382

■ 179.3440,
-25.3126, -1.1787

■ 182.4070,
-17.4557, -1.2339

■ 185.7690, -9.7461,
-0.6744

■ 189.1310, -2.0366,
-0.1149

Harmonies

Analogous

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



165.8800, -81.7788, 50.0942



159.4710, -71.7172, -3.9211



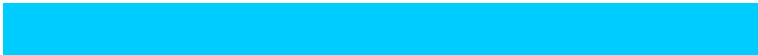
142.6480, -26.9415, -85.6373

Triad

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



159.4710, -71.7172, -3.9211



148.8180, 52.3477, -130.5134



159.9960, 16.7640, 83.3185

Complementary

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



159.4710, -71.7172, -3.9211



44.5290, 71.7172, 3.9211

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.



180.4180, 36.7689, 60.1464



159.4710, -71.7172, -3.9211



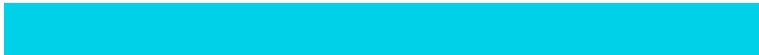
140.0130, 56.6886, -122.7914

Square

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



159.4710, -71.7172, -3.9211



149.2450, 41.2912, -130.8879



169.2910, 42.2545, -19.5492



154.8370, -15.6956, 87.8430

Rectangle

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



159.4710, -71.7172, -3.9211



136.8990, -0.9362, -120.0604



169.2910, 42.2545, -19.5492



166.1400, 25.0740, 77.9302

Sweetspot

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



159.4710, -71.7172, -3.9211



235.2470, -28.2228, -1.0936



85.4080, -35.2041, 91.7272



117.7060, -17.6031, -0.6192



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



159.4710, -71.7172, -3.9211



204.1910, -100.6662, -5.4295



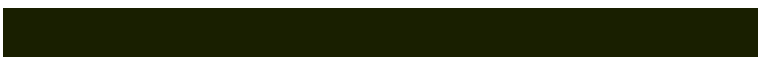
134.0560, -59.1876, -56.1771



92.3760, -3.6364, -0.3298



130.7190, -64.4445, -3.2616



25.6720, -12.6563, -0.5893

Inverse Universe

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



44.5290, 71.7172, 3.9211



42.8090, 100.6662, 5.4295



69.9440, 59.1876, 56.1771



86.6240, 3.6364, 0.3298



27.2810, 64.4445, 3.2616



5.3280, 12.6563, 0.5893

Previews

White Background



This preview shows how the YUV color 159.4710, -71.7172, -3.9211 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 159.4710, -71.7172, -3.9211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

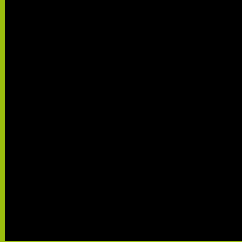
Any Text WCAG AA ✓ Pass

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 159.4710, -71.7172, -3.9211 Background



This preview shows how black text looks on a background with the YUV color 159.4710, -71.7172, -3.9211.



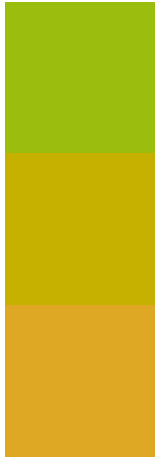
This preview shows how white text looks on a background with the YUV color 159.4710, -71.7172, -3.9211.

-3.9211.

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

159.4710, -71.7172, -3.9211

Protanopia

163.4000, -80.5562, 31.2212

Deuteranopia

168.5110, -65.3279, 46.9099



Tritanopia

176.8020, 6.9996, -5.0884

Trichromacy



Original Color

159.4710, -71.7172, -3.9211

Protanomaly

162.1210, -77.4607, 18.3109

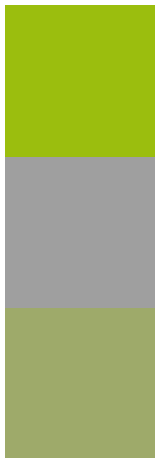
Deuteranomaly

165.1190, -67.5997, 28.8366

Tritanomaly

170.6470, -21.5180, -4.9524

Monochromacy



Original Color

159.4710, -71.7172, -3.9211

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.1160, -26.1862, -0.9787

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.4710, -71.7172, -3.9211 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(155, 190, 14)` looks like.

```
.text, #text, p{  
    color:rgb(155, 190, 14)  
}
```

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(155, 190, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 190, 14) }
```

Border

The CSS property to change the border of an element to YUV 159.4710, -71.7172, -3.9211 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(155, 190, 14) }
```


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

```
.border{ border-color:rgb(155, 190, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 190, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 190, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 190, 14);  
box-shadow:4px 4px 4px 4px rgb(155, 190,  
14) }
```

Background

The CSS property to change the background color of an element to YUV 159.4710, -71.7172, -3.9211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 190, 14) }
```

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

```
.background{ background-color: rgb(155,  
190, 14) }
```

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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