

Converting Colors

YUV(129.3190, -50.9363,
4.1052)

Have a look what the booklet for
YUV(129.3190, -50.9363, 4.1052)
contains.

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Color

**YUV(129.3190, -50.9363,
4.1052)**

Conversions

Conversions Part 1

Format	Color
Hex	86931A
RGB	134, 147, 26
RGB Percent	53%, 58%, 10%
CMY	0.4745, 0.4235, 0.8980
CMYK	0.09, 0.00, 0.82, 0.42
HSL	66°, 70%, 34%
HSV	66°, 82%, 58%
XYZ	20.4517, 26.0104, 4.9199
YIQ	129.3190, 31.0930, -40.3870

Conversions

Conversions Part 2

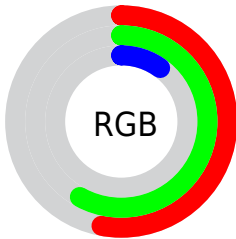
Format	Color
R_{YB}	26, 147, 39
Decimal	8819482
CIE _{Lab}	58.05, -19.55, 56.43
CIE _{LCh}	58, 59.722, 109.108
Yxy	26.0104, 0.3980, 0.5062
Android (android.graphics.Color)	4287009562 (0xFF86931A)
YUV	129.3190, -50.9363, 4.1052
Hunter-Lab	51.0003, -17.6702, 29.9807

Details

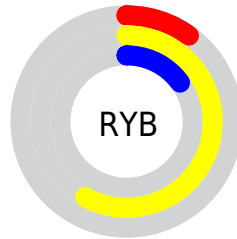
The YUV color **129.3190, -50.9363, 4.1052** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **43.6810, 50.9363, -4.1052**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.2590, -49.9207, 5.0349**, and **80.8590, -39.8635, -0.7533** is the 20% darker color. If you saturate the color by 10%, you get **127.0110, -57.1934, 4.3754**, and if you desaturate by 10%, it is **131.6270, -44.6791, 3.8351**.

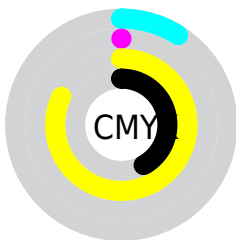
Distribution



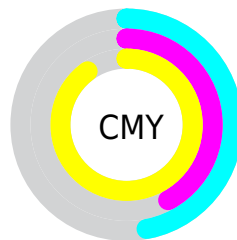
- Red (53%)
- Green (58%)
- Blue (10%)



- Red (10%)
- Yellow (58%)
- Blue (15%)



- Cyan (9%)
- Magenta (0%)
- Yellow (82%)
- Black (42%)



- Cyan (47%)
- Magenta (42%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.3190, -50.9363, 4.1052 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 129.3190, -50.9363, 4.1052 by changing the saturation by 10% instead.

■ 129.3190,
-50.9363, 4.1052

■ 129.3190,
-50.9363, 4.1052

■ 255.0000, 0.0000,
0.0000

■ 103.0200,
-50.7889, 3.4905

■ 184.2590,
-49.9207, 5.0349

■ 80.8590, -39.8635,
-0.7533

■ 212.3300,
-50.9417, 5.8496

■ 59.2960, -29.2329,
-3.7676

■ 239.6400,
-51.0945, 8.2087

■ 37.7220, -18.5969,
-8.5262

■ 244.6260,
-39.7486, 9.0980

■ 17.6100, -8.6817,
-15.4440

■ 247.8180,
-27.5183, 6.2986

■ 0.0000, 0.0000,
0.0000

■ 251.0100,

-15.2879, 3.4992

254.4300, -2.1840,
0.4999

■ 129.3190,
-50.9363, 4.1052

■ 129.3190,
-50.9363, 4.1052

■ 127.0110,
-57.1934, 4.3754

■ 131.6270,
-44.6791, 3.8351

■ 125.4580,
-61.8508, 4.8603

■ 133.5220,
-38.7113, 3.0502

■ 135.8300,
-32.4542, 2.7801

■ 137.8390,
-26.0496, 1.8952

■ 140.0330,
-20.2293, 1.7251

■ 142.0420,
-13.8247, 0.8402

■ 144.3500, -7.5675,
0.5701

■ 146.6580, -1.3104,
0.2999

■ 148.5530, 4.6574,
-0.4850

Harmonies

Analogous

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



133.5780, -53.5290, 42.4661



129.3190, -50.9363, 4.1052



121.0150, -26.6294, -45.6172

Triad

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



129.3190, -50.9363, 4.1052



119.3590, 48.6300, -104.6778



138.7470, 10.9707, 74.7669

Complementary

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



129.3190, -50.9363, 4.1052



43.6810, 50.9363, -4.1052

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.



143.9990, 32.0455, 35.0809



129.3190, -50.9363, 4.1052



116.2250, 62.0071, -101.9293

Square

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



129.3190, -50.9363, 4.1052



115.8760, 27.6691, -101.6233



136.7010, 50.4334, -29.5558



135.6950, -13.6536, 86.2135

Rectangle

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



129.3190, -50.9363, 4.1052



106.4940, -3.2015, -93.3952



136.7010, 50.4334, -29.5558



140.6300, 18.4234, 64.3455

Sweetspot

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



129.3190, -50.9363, 4.1052



184.0330, -20.2293, 1.7251



69.2230, -21.3089, 68.2104



92.7970, -12.2249, 1.0550



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



129.3190, -50.9363, 4.1052



163.4740, -79.6067, 6.6003



111.3790, -42.0918, -32.7814



72.9030, -2.9102, 0.0851



117.7830, -58.0670, 4.5753



8.5610, -4.2206, 0.3850

Inverse Universe

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



43.6810, 50.9363, -4.1052



29.5260, 79.6067, -6.6003



61.6210, 42.0918, 32.7814



67.7980, 3.0576, -0.6998



20.2170, 58.0670, -4.5753



1.4390, 4.2206, -0.3850

Previews

White Background



This preview shows how the YUV color 129.3190, -50.9363, 4.1052 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 129.3190, -50.9363, 4.1052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

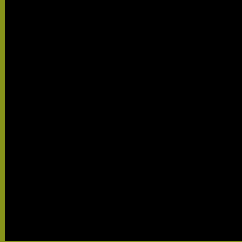
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 129.3190, -50.9363, 4.1052

Background



This preview shows how black text looks on a background with the YUV color 129.3190, -50.9363, 4.1052.



This preview shows how white text looks on a background with the YUV color 129.3190, -50.9363, 4.1052.

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

129.3190, -50.9363, 4.1052

Protanopia

131.8590, -53.1745, 22.0487

Deuteranopia

133.7990, -48.7079, 36.1333



Tritanopia

140.6460, 3.6255, 3.8185

Trichromacy



Original Color

129.3190, -50.9363, 4.1052

Protanomaly

131.3420, -52.4266, 15.4861

Deuteranomaly

131.9070, -49.2542, 24.6376

Tritanomaly

136.7820, -16.1615, 3.6992

Monochromacy



Original Color

129.3190, -50.9363, 4.1052

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.4890, -18.4821, 1.3251

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.3190, -50.9363, 4.1052 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(134, 147, 26)` looks like.

```
.text, #text, p{  
    color:rgb(134, 147, 26)  
}
```

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(134, 147, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 147, 26) }
```

Border

The CSS property to change the border of an element to YUV 129.3190, -50.9363, 4.1052 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(134, 147, 26) }
```


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

```
.border{ border-color:rgb(134, 147, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 147, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 147, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 147, 26);  
box-shadow:4px 4px 4px 4px rgb(134, 147,  
26) }
```

Background

The CSS property to change the background color of an element to YUV 129.3190, -50.9363, 4.1052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 147, 26) }
```

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

```
.background{ background-color: rgb(134,  
147, 26) }
```

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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