

Converting Colors

YUV(119.2870, 14.6485,
-31.8237)

Have a look what the booklet for
YUV(119.2870, 14.6485, -31.8237)
contains.

YUV(119.2870, 14.6485, -31.8237)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(119.2870, 14.6485,
-31.8237)**

Conversions

Conversions Part 1

Format	Color
Hex	538495
RGB	83, 132, 149
RGB Percent	33%, 52%, 58%
CMY	0.6745, 0.4824, 0.4157
CMYK	0.44, 0.11, 0.00, 0.42
HSL	195°, 28%, 45%
HSV	195°, 44%, 58%
XYZ	17.2434, 20.5115, 31.4841
YIQ	119.2870, -34.6610, -5.1010

Conversions

Conversions Part 2

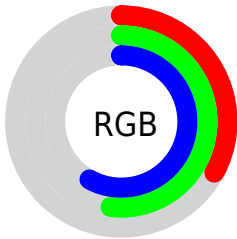
Format	Color
R_{YB}	83, 111, 149
Decimal	5473429
CIE _{Lab}	52.41, -11.82, -14.30
CIE _{LCh}	52, 18.557, 230.426
Yxy	20.5115, 0.2490, 0.2962
Android (android.graphics.Color)	4283663509 (0xFF538495)
YUV	119.2870, 14.6485, -31.8237
Hunter-Lab	45.2896, -11.2954, -9.5141

Details

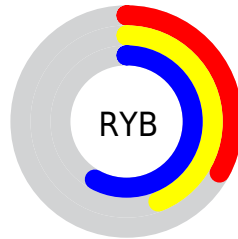
The YUV color **119.2870, 14.6485, -31.8237** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **112.7130, -14.6485, 31.8237**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.4010, 15.0853, -31.9237**, and **68.2760, 14.6539, -33.5681** is the 20% darker color. If you saturate the color by 10%, you get **112.4540, 18.0172, -38.9862**, and if you desaturate by 10%, it is **126.1200, 11.2798, -24.6612**.

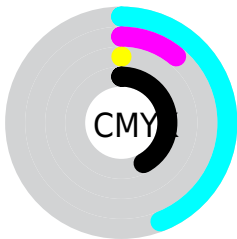
Distribution



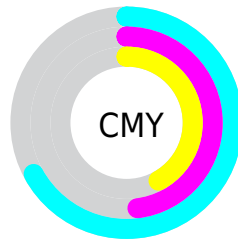
- Red (33%)
- Green (52%)
- Blue (58%)



- Red (33%)
- Yellow (44%)
- Blue (58%)



- Cyan (44%)
- Magenta (11%)
- Yellow (0%)
- Black (42%)



- Cyan (67%)
- Magenta (48%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.2870, 14.6485, -31.8237 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 119.2870, 14.6485, -31.8237 by changing the saturation by 10% instead.

■ 119.2870, 14.6485,
-31.8237

■ 119.2870, 14.6485,
-31.8237

■ 255.0000, 0.0000,
0.0000

■ 93.8740, 14.3591,
-32.3385

■ 172.4010, 15.0853,
-31.9237

■ 68.2760, 14.6539,
-33.5681

■ 200.1020, 15.2327,
-32.5385

■ 43.0690, 15.2490,
-37.7715

■ 227.6460, 13.4855,
-32.1385

■ 28.2340, 11.7166,
-24.7612

■ 244.2360, 5.3067,
-22.1320

■ 13.5130, 8.6211,
-11.8509

■ 252.9070, 1.0318,
-4.3034

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,

0.0000

■ 119.2870, 14.6485,
-31.8237

■ 119.2870, 14.6485,
-31.8237

■ 112.4540, 18.0172,
-38.9862

■ 126.1200, 11.2798,
-24.6612

■ 105.6210, 21.3858,
-46.1486

■ 132.9530, 7.9112,
-17.4988

■ 98.7880, 24.7545,
-53.3111

■ 139.7860, 4.5425,
-10.3363

■ 92.5420, 27.8338,
-60.9883

■ 146.0320, 1.4632,
-2.6591

■ 85.7090, 31.2025,
-68.1508

■ 152.8650, -1.9054,
4.5034

■ 82.1430, 32.9605,
-72.0394

■ 159.3990, -5.1267,
11.0511

■ 166.2320, -8.4954,
18.2135

■ 173.0650,
-11.8640, 25.3760

■ 179.8980,
-15.2327, 32.5385

Harmonies

Analogous

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



118.0820, 8.8336, -33.3979



119.2870, 14.6485, -31.8237



122.5210, 16.5051, -20.6279

Triad

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



119.2870, 14.6485, -31.8237



127.8980, 1.5293, 22.8915



122.7540, -13.6827, 1.9697

Complementary

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



119.2870, 14.6485, -31.8237



112.7130, -14.6485, 31.8237

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.



124.7880, -15.1785, 15.0949



119.2870, 14.6485, -31.8237



127.2700, -6.0491, 26.9502

Square

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



119.2870, 14.6485, -31.8237



127.3680, 8.6926, 11.9553



125.9400, -12.2954, 23.7316



120.7460, -8.2558, -12.0552

Rectangle

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



119.2870, 14.6485, -31.8237



125.2450, 15.1622, -9.8619



125.9400, -12.2954, 23.7316



123.8470, -14.7146, 6.2732

Sweetspot

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



119.2870, 14.6485, -31.8237



182.4160, 5.7109, -11.7658



123.6800, -11.6742, -35.6764



89.8680, 3.5161, -7.7772



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.



119.2870, 14.6485, -31.8237



147.3540, 22.9965, -49.4225



100.5030, 23.9090, -15.3501



70.7330, 1.6106, -3.2738



75.6060, 30.7602, -66.3065



5.8360, 2.0529, -5.1182

Inverse Universe

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



108.3200, 11.6742, 35.6764



130.4610, 18.0137, 55.7237



132.0840, -24.1984, 14.8353



69.6630, 1.1521, 3.8035



52.8900, 24.2112, 74.6415



3.9020, 2.0203, 5.3479

Previews

White Background



This preview shows how the YUV color 119.2870, 14.6485, -31.8237 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 119.2870, 14.6485, -31.8237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

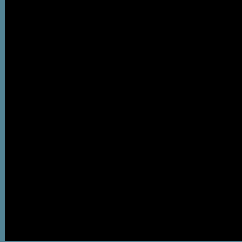
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.2870, 14.6485, -31.8237

Background



This preview shows how black text looks on a background with the YUV color 119.2870, 14.6485, -31.8237.



This preview shows how white text looks on a background with the YUV color 119.2870, 14.6485, -31.8237.

-31.8237.

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

119.2870, 14.6485, -31.8237

Protanopia

125.2690, 8.7414, -3.7439

Deuteranopia

125.6050, 12.5197, -2.2846



Tritanopia

118.7060, 12.4699, -33.0682

Trichromacy



Original Color

119.2870, 14.6485, -31.8237

Protanomaly

123.0720, 10.8105, -14.0951

Deuteranomaly

123.3540, 13.1365, -13.4655

Tritanomaly

119.2330, 13.1961, -32.6533

Monochromacy



Original Color

119.2870, 14.6485, -31.8237

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.3020, 5.2741, -11.6659

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.2870, 14.6485, -31.8237 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(83, 132, 149)` looks like.

```
.text, #text, p{  
    color:rgb(83, 132, 149)  
}
```

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(83, 132, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 132, 149) }
```

Border

The CSS property to change the border of an element to YUV 119.2870, 14.6485, -31.8237 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(83, 132, 149) }
```


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

```
.border{ border-color:rgb(83, 132, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 132, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 132, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 132, 149);  
box-shadow:4px 4px 4px 4px rgb(83, 132,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 119.2870, 14.6485, -31.8237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 132, 149) }
```

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

```
.background{ background-color: rgb(83, 132,  
149) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor