

Converting Colors

YUV(113.1870, 26.5298,
-15.9500)

Have a look what the booklet for
YUV(113.1870, 26.5298, -15.9500)
contains.

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Color

**YUV(113.1870, 26.5298,
-15.9500)**

Conversions

Conversions Part 1

Format	Color
Hex	5F70A7
RGB	95, 112, 167
RGB Percent	37%, 44%, 65%
CMY	0.6275, 0.5608, 0.3451
CMYK	0.43, 0.33, 0.00, 0.35
HSL	226°, 29%, 51%
HSV	226°, 43%, 65%
XYZ	17.4885, 16.8113, 38.8824
YIQ	113.1870, -27.7870, 13.5010

Conversions

Conversions Part 2

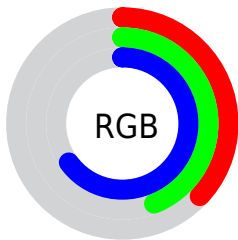
Format	Color
R _Y B	95, 109, 167
Decimal	6254759
CIE Lab	48.02, 8.43, -31.51
CIE LCh	48, 32.620, 284.981
Yxy	16.8113, 0.2390, 0.2297
Android (android.graphics.Color)	4284444839 (0xFF5F70A7)
YUV	113.1870, 26.5298, -15.9500
Hunter-Lab	41.0015, 4.3836, -27.5245

Details

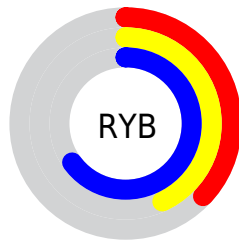
The YUV color **113.1870, 26.5298, -15.9500** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **148.8130, -26.5298, 15.9500**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.8280, 27.6928, -15.6352**, and **64.1220, 25.0829, -18.5240** is the 20% darker color. If you saturate the color by 10%, you get **100.4730, 32.7978, -19.7088**, and if you desaturate by 10%, it is **125.9010, 20.2618, -12.1912**.

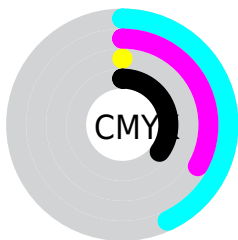
Distribution



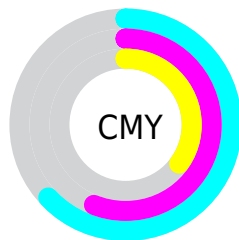
- Red (37%)
- Green (44%)
- Blue (65%)



- Red (37%)
- Yellow (43%)
- Blue (65%)



- Cyan (43%)
- Magenta (33%)
- Yellow (0%)
- Black (35%)



- Cyan (63%)
- Magenta (56%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.1870, 26.5298, -15.9500 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 113.1870, 26.5298, -15.9500 by changing the saturation by 10% instead.

■ 113.1870, 26.5298,
-15.9500

■ 113.1870, 26.5298,
-15.9500

■ 255.0000, 0.0000,
0.0000

■ 88.2470, 25.5142,
-16.8796

■ 165.8280, 27.6928,
-15.6352

■ 64.1220, 25.0829,
-18.5240

■ 193.3550, 28.4190,
-15.2203

■ 38.7900, 25.2465,
-24.3718

■ 218.0320, 18.2252,
-12.3061

■ 21.0250, 22.1727,
-18.4389

■ 243.7260, 5.5581,
-9.4067

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,

0.0000

■ 113.1870, 26.5298,
-15.9500

■ 113.1870, 26.5298,
-15.9500

■ 100.4730, 32.7978,
-19.7088

■ 125.9010, 20.2618,
-12.1912

■ 88.0580, 38.9184,
-22.8529

■ 138.3160, 14.1412,
-9.0471

■ 75.9310, 44.8970,
-27.1265

■ 150.4430, 8.1626,
-4.7735

■ 63.2170, 51.1650,
-30.8853

■ 163.1570, 1.8946,
-1.0147

■ 50.8020, 57.2856,
-34.0294

■ 175.5720, -4.2260,
2.1294

■ 41.9310, 61.6590,
-36.7735

■ 188.2860,
-10.4940, 5.8882

■ 200.4130,
-16.4726, 10.1618

■ 213.1270,
-22.7406, 13.9206

■ 225.5420,
-28.8612, 17.0647

Harmonies

Analogous

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



101.4270, 32.3275, -55.6255



113.1870, 26.5298, -15.9500



117.3820, 17.5597, 14.5740

Triad

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



113.1870, 26.5298, -15.9500



114.3290, -18.8962, 40.9305



100.1870, -0.5852, -45.7680

Complementary

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



113.1870, 26.5298, -15.9500



148.8130, -26.5298, 15.9500

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.



107.2370, -16.3858, -17.7478



113.1870, 26.5298, -15.9500



113.1070, -25.6888, 26.2162

Square

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



113.1870, 26.5298, -15.9500



115.4510, -7.1243, 45.2085



110.6870, -25.4817, 6.4135



89.6140, 18.4313, -78.5915

Rectangle

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



113.1870, 26.5298, -15.9500



117.5320, 10.0907, 30.2284



110.6870, -25.4817, 6.4135



103.0590, -6.4381, -35.1317

Sweetspot

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



113.1870, 26.5298, -15.9500



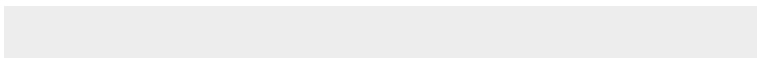
195.7140, 10.4940, -5.8882



143.4200, 2.7509, -42.4643



96.4000, 6.7048, -3.8588



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



113.1870, 26.5298, -15.9500



132.7310, 41.5446, -25.1971



108.5900, 28.7961, 3.8676



78.0860, 2.9156, -1.8294



37.4170, 54.5174, -32.8147



5.2150, 7.2890, -4.5736

Inverse Universe

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



118.4660, -3.1877, 42.5643



140.8650, -4.8634, 66.7704



153.4100, -28.7961, -3.8676



78.6200, -0.3057, 4.7183



48.2420, -6.5283, 87.4878



6.5500, -0.7641, 11.7957

Previews

White Background



This preview shows how the YUV color 113.1870, 26.5298, -15.9500 looks on a white 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

Black Background



This preview shows how the YUV color 113.1870, 26.5298, -15.9500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

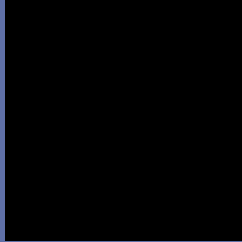
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

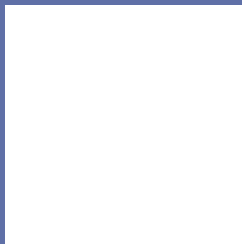
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 113.1870, 26.5298, -15.9500

Background



This preview shows how black text looks on a background with the YUV color 113.1870, 26.5298, -15.9500.



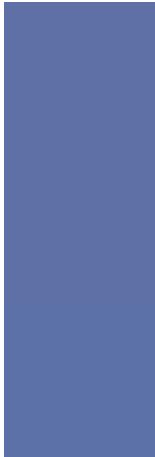
This preview shows how white text looks on a background with the YUV color 113.1870, 26.5298, -15.9500.

-15.9500.

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

113.1870, 26.5298, -15.9500

Protanopia

113.1870, 26.5298, -15.9500

Deuteranopia

112.5780, 26.8300, -18.9239



Tritanopia

110.5610, 9.0904, -22.4170

Trichromacy



Original Color

113.1870, 26.5298, -15.9500

Protanomaly

113.1870, 26.5298, -15.9500

Deuteranomaly

112.8770, 26.6826, -18.3091

Tritanomaly

111.5920, 15.4841, -19.8132

Monochromacy



Original Color

113.1870, 26.5298, -15.9500

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.1870, 9.7678, -6.3030

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.1870, 26.5298, -15.9500 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(95, 112, 167)` looks like.

```
.text, #text, p{  
    color:rgb(95, 112, 167)  
}
```

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(95, 112, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 112, 167) }
```

Border

The CSS property to change the border of an element to YUV 113.1870, 26.5298, -15.9500 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(95, 112, 167) }
```


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

```
.border{ border-color:rgb(95, 112, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 112, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 112, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 112, 167);  
box-shadow:4px 4px 4px 4px rgb(95, 112,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 113.1870, 26.5298, -15.9500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 112, 167) }
```

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

```
.background{ background-color: rgb(95, 112,  
167) }
```

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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