

Converting Colors

YUV(118.3870, 26.4312,
-31.0344)

Have a look what the booklet for
YUV(118.3870, 26.4312, -31.0344)
contains.

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Color

**YUV(118.3870, 26.4312,
-31.0344)**

Conversions

Conversions Part 1

Format	Color
Hex	537EAC
RGB	83, 126, 172
RGB Percent	33%, 49%, 67%
CMY	0.6745, 0.5059, 0.3255
CMYK	0.52, 0.27, 0.00, 0.33
HSL	211°, 35%, 50%
HSV	211°, 52%, 67%
XYZ	18.4745, 19.7393, 41.8661
YIQ	118.3870, -40.3940, 5.1900

Conversions

Conversions Part 2

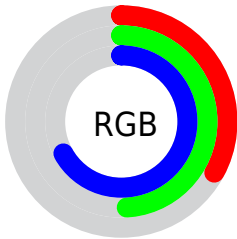
Format	Color
R_{YB}	83, 112, 172
Decimal	5471916
CIE _{Lab}	51.54, -1.49, -28.98
CIE _{LCh}	52, 29.022, 267.052
Yxy	19.7393, 0.2307, 0.2465
Android (android.graphics.Color)	4283661996 (0xFF537EAC)
YUV	118.3870, 26.4312, -31.0344
Hunter-Lab	44.4289, -3.5263, -24.7697

Details

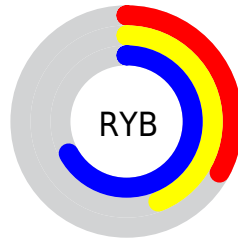
The YUV color **118.3870, 26.4312, -31.0344** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **136.6130, -26.4312, 31.0344**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.7400, 27.7362, -29.5900**, and **65.9410, 26.1581, -36.7823** is the 20% darker color. If you saturate the color by 10%, you get **108.0210, 31.5416, -36.8524**, and if you desaturate by 10%, it is **128.7530, 21.3208, -25.2164**.

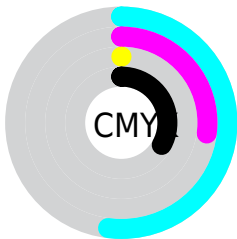
Distribution



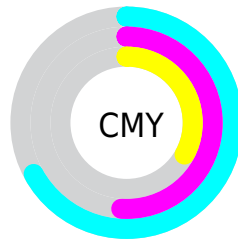
- Red (33%)
- Green (49%)
- Blue (67%)



- Red (33%)
- Yellow (44%)
- Blue (67%)



- Cyan (52%)
- Magenta (27%)
- Yellow (0%)
- Black (33%)



- Cyan (67%)
- Magenta (51%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.3870, 26.4312, -31.0344 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 118.3870, 26.4312, -31.0344 by changing the saturation by 10% instead.

■ 118.3870, 26.4312,
-31.0344

■ 118.3870, 26.4312,
-31.0344

■ 255.0000, 0.0000,
0.0000

■ 92.2620, 25.9998,
-32.6788

■ 171.7400, 27.7362,
-29.5900

■ 65.9410, 26.1581,
-36.7823

■ 199.3270, 27.4468,
-30.1048

■ 43.1150, 25.5793,
-37.8119

■ 224.4340, 15.0690,
-26.6906

■ 28.0520, 21.1734,
-24.6016

■ 245.1330, 4.8644,
-20.2876

■ 11.3420, 18.0724,
-9.9469

■ 254.1030, 0.4422,
-1.8443

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,

0.0000

■ 118.3870, 26.4312,
-31.0344

■ 118.3870, 26.4312,
-31.0344

■ 108.0210, 31.5416,
-36.8524

■ 128.7530, 21.3208,
-25.2164

■ 97.6550, 36.6521,
-42.6704

■ 139.1190, 16.2103,
-19.3984

■ 86.9900, 41.9099,
-49.1032

■ 149.7840, 10.9525,
-12.9656

■ 76.6240, 47.0204,
-54.9212

■ 160.1500, 5.8420,
-7.1476

■ 68.3290, 51.1098,
-59.9245

■ 169.9290, 1.0210,
-0.8147

■ 180.2950, -4.0894,
5.0033

■ 190.6610, -9.1999,
10.8213

■ 201.3260,
-14.4577, 17.2541

■ 211.6920,
-19.5682, 23.0721

Harmonies

Analogous

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



108.1400, 27.5390, -59.7588



118.3870, 26.4312, -31.0344



124.1950, 21.1029, -1.9250

Triad

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



118.3870, 26.4312, -31.0344



124.3920, -11.0393, 40.8752



114.9140, -9.8176, -24.4806

Complementary

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



118.3870, 26.4312, -31.0344



136.6130, -26.4312, 31.0344

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.



118.7120, -20.0710, -2.3784



118.3870, 26.4312, -31.0344



123.2310, -20.3269, 33.1234

Square

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



118.3870, 26.4312, -31.0344



125.6440, 0.1755, 37.1462



121.2200, -23.7725, 18.2241



109.5440, 4.6618, -48.7121

Rectangle

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



118.3870, 26.4312, -31.0344



125.8120, 15.3757, 15.0739



121.2200, -23.7725, 18.2241



116.5190, -14.0599, -17.1182

Sweetspot

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



118.3870, 26.4312, -31.0344



202.6700, 10.5157, -12.8656



140.4870, -5.6631, -50.4161



99.2640, 6.2788, -7.2475



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



118.3870, 26.4312, -31.0344



140.1750, 41.3257, -48.3885



93.4450, 38.7276, -8.2833



81.3740, 2.7736, -2.9590



59.9510, 44.3942, -52.5770



9.0790, 6.8631, -7.9623

Inverse Universe

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



114.5130, 5.6631, 50.4161



134.1990, 8.7759, 78.7555



161.5550, -38.7276, 8.2833



81.1470, 0.4205, 5.1331



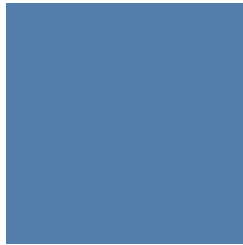
53.1720, 9.7752, 84.9182



8.1310, 1.4144, 13.0401

Previews

White Background



This preview shows how the YUV color 118.3870, 26.4312, -31.0344 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 118.3870, 26.4312, -31.0344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

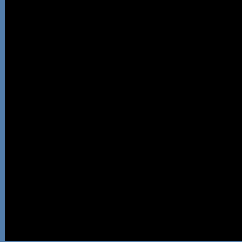
Any Text WCAG AA ✓ Pass

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 118.3870, 26.4312, -31.0344 Background



This preview shows how black text looks on a background with the YUV color 118.3870, 26.4312, -31.0344.

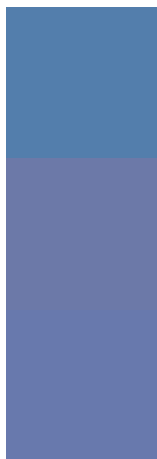


This preview shows how white text looks on a background with the YUV color 118.3870, 26.4312, -31.0344.

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

118.3870, 26.4312, -31.0344

Protanopia

122.4710, 22.4458, -12.6911

Deuteranopia

121.8450, 25.2194, -15.6501



Tritanopia

115.4990, 13.0650, -37.2716

Trichromacy



Original Color

118.3870, 26.4312, -31.0344

Protanomaly

121.0680, 23.6305, -19.3536

Deuteranomaly

120.6270, 25.8199, -21.5979

Tritanomaly

116.7750, 17.8589, -34.8827

Monochromacy



Original Color

118.3870, 26.4312, -31.0344

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.1540, 9.7841, -11.5361

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.3870, 26.4312, -31.0344 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, 126, 172)` looks like.

```
.text, #text, p{  
    color:rgb(83, 126, 172)  
}
```

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, 126, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 126, 172) }
```

Border

The CSS property to change the border of an element to YUV 118.3870, 26.4312, -31.0344 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, 126, 172) }
```


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

```
.border{ border-color:rgb(83, 126, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 126, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 126, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 126, 172);  
box-shadow:4px 4px 4px 4px rgb(83, 126,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 118.3870, 26.4312, -31.0344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 126, 172) }
```

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

```
.background{ background-color: rgb(83, 126,  
172) }
```

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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