

Converting Colors

YUV(134.2150, 0.3870,
-30.8836)

Have a look what the booklet for
YUV(134.2150, 0.3870, -30.8836)
contains.

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Color

**YUV(134.2150, 0.3870,
-30.8836)**

Conversions

Conversions Part 1

Format	Color
Hex	639887
RGB	99, 152, 135
RGB Percent	39%, 60%, 53%
CMY	0.6118, 0.4039, 0.4706
CMYK	0.35, 0.00, 0.11, 0.40
HSL	161°, 21%, 49%
HSV	161°, 35%, 60%
XYZ	20.7470, 26.8584, 27.0124
YIQ	134.2150, -26.1310, -16.5230

Conversions

Conversions Part 2

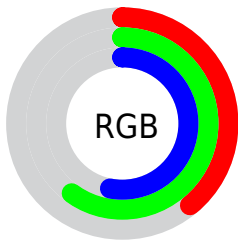
Format	Color
R _Y B	99, 131, 152
Decimal	6527111
CIE Lab	58.84, -21.55, 3.37
CIE LCh	59, 21.809, 171.111
Yxy	26.8584, 0.2780, 0.3599
Android (android.graphics.Color)	4284717191 (0xFF639887)
YUV	134.2150, 0.3870, -30.8836
Hunter-Lab	51.8251, -19.2355, 5.3743

Details

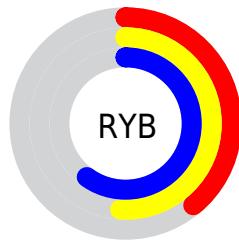
The YUV color $134.2150, 0.3870, -30.8836$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $116.7850, -0.3870, 30.8836$, and the grayscale version is $134.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $187.8020, 0.0976, -31.3984$, and $83.6280, 0.6764, -30.3688$ is the 20% darker color. If you saturate the color by 10%, you get $129.1600, 0.4141, -39.6053$, and if you desaturate by 10%, it is $139.2700, 0.3599, -22.1618$.

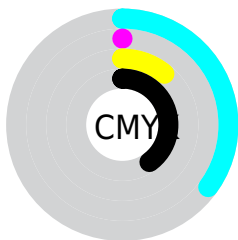
Distribution



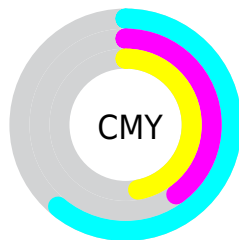
- Red (39%)
- Green (60%)
- Blue (53%)



- Red (39%)
- Yellow (51%)
- Blue (60%)



- Cyan (35%)
- Magenta (0%)
- Yellow (11%)
- Black (40%)



- Cyan (61%)
- Magenta (40%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.2150, 0.3870, -30.8836 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 134.2150, 0.3870, -30.8836 by changing the saturation by 10% instead.

■ 134.2150, 0.3870,
-30.8836

■ 134.2150, 0.3870,
-30.8836

■ 255.0000, 0.0000,
0.0000

■ 108.6280, 0.6764,
-30.3688

■ 187.8020, 0.0976,
-31.3984

■ 83.6280, 0.6764,
-30.3688

■ 216.0900, -0.0444,
-32.5279

■ 59.1440, 1.4080,
-31.6983

■ 239.3940, 2.2708,
-28.4095

■ 35.6710, 2.1342,
-31.2835

■ 249.3190, 2.8007,
-11.6808

■ 21.6510, -0.8139,
-18.9879

■ 0.0000, 0.0000,
0.0000

■ 134.2150, 0.3870,
-30.8836

■ 134.2150, 0.3870,
-30.8836

■ 129.1600, 0.4141,
-39.6053

■ 139.2700, 0.3599,
-22.1618

■ 124.1050, 0.4412,
-48.3271

■ 144.3250, 0.3328,
-13.4400

■ 118.7510, 0.6158,
-57.6636

■ 149.6790, 0.1583,
-4.1035

■ 113.6960, 0.6429,
-66.3854

■ 154.7340, 0.1311,
4.6183

■ 108.7550, 1.1068,
-75.2071

■ 159.6750, -0.3328,
13.4400

■ 103.7000, 1.1339,
-83.9289

■ 164.7300, -0.3599,
22.1618

■ 100.9660, 1.0028,
-88.5472

■ 169.7850, -0.3870,
30.8836

■ 175.1390, -0.5615,

40.2201

■ 180.1940, -0.5886,
48.9419

Harmonies

Analogous

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



136.6810, -9.7027, -14.6292



134.2150, 0.3870, -30.8836



132.6080, 11.0393, -40.8752

Triad

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



134.2150, 0.3870, -30.8836



142.7340, 16.8931, -5.0287



142.6910, -14.6377, 28.3350

Complementary

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



134.2150, 0.3870, -30.8836



116.7850, -0.3870, 30.8836

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.



143.9610, -7.3758, 32.4832



134.2150, 0.3870, -30.8836



144.5470, 10.5763, 14.4293

Square

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



134.2150, 0.3870, -30.8836



138.4110, 20.0104, -24.9164



144.6320, 1.6604, 27.5097



141.0010, -18.2415, 17.5391

Rectangle

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



134.2150, 0.3870, -30.8836



133.5740, 15.9860, -40.8454



144.6320, 1.6604, 27.5097



143.4570, -13.0433, 30.2942

Sweetspot

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



134.2150, 0.3870, -30.8836



189.6350, 0.1799, -11.0809



135.4930, -17.9910, -16.2184



95.3690, 0.3111, -6.4626



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



134.2150, 0.3870, -30.8836



168.5180, 0.7306, -47.8123



130.8700, 10.4171, -27.9500



74.2660, -0.1311, -4.6183



93.0100, 0.9811, -81.5698



8.6570, 0.1691, -7.5922

Inverse Universe

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



116.7850, -0.3870, 30.8836



141.4820, -0.7306, 47.8123



120.1300, -10.4171, 27.9500



71.6200, -0.3057, 4.7183



46.9900, -0.9811, 81.5698



4.3430, -0.1691, 7.5922

Previews

White Background



This preview shows how the YUV color 134.2150, 0.3870, -30.8836 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 134.2150, 0.3870, -30.8836 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

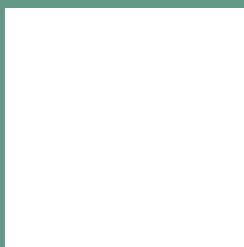
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 134.2150, 0.3870, -30.8836

Background



This preview shows how black text looks on a background with the YUV color 134.2150, 0.3870, -30.8836.



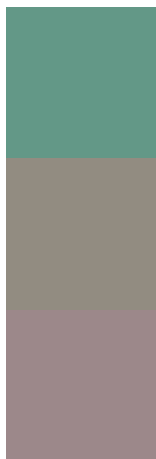
This preview shows how white text looks on a background with the YUV color 134.2150, 0.3870,

-30.8836.

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

134.2150, 0.3870, -30.8836

Protanopia

140.5400, -5.6892, 4.7884

Deuteranopia

142.2080, -2.0745, 12.0956



Tritanopia

136.5110, 11.5801, -27.6351

Trichromacy



Original Color

134.2150, 0.3870, -30.8836

Protanomaly

138.0330, -3.4673, -7.9219

Deuteranomaly

139.3370, -1.1521, -3.8035

Tritanomaly

135.4740, 7.6543, -28.4797

Monochromacy



Original Color

134.2150, 0.3870, -30.8836

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

134.2220, -0.1094, -11.5957

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.2150, 0.3870, -30.8836 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(99, 152, 135)` looks like.

```
.text, #text, p{  
    color:rgb(99, 152, 135)  
}
```

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(99, 152, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 152, 135) }
```

Border

The CSS property to change the border of an element to YUV 134.2150, 0.3870, -30.8836 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(99, 152, 135) }
```


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

```
.border{ border-color:rgb(99, 152, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 152, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 152, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 152, 135);  
box-shadow:4px 4px 4px 4px rgb(99, 152,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 134.2150, 0.3870, -30.8836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 152, 135) }
```

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

```
.background{ background-color: rgb(99, 152,  
135) }
```

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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