

Converting Colors

YUV(129.5850, 6.1206, -3.1440)

Have a look what the booklet for
YUV(129.5850, 6.1206, -3.1440)
contains.

YUV(129.5850, 6.1206, -3.1440)	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(129.5850, 6.1206,
-3.1440)**

Conversions

Conversions Part 1

Format	Color
Hex	7E818E
RGB	126, 129, 142
RGB Percent	49%, 51%, 56%
CMY	0.5059, 0.4941, 0.4431
CMYK	0.11, 0.09, 0.00, 0.44
HSL	229°, 7%, 53%
HSV	229°, 11%, 56%
XYZ	21.3369, 22.0891, 28.7302
YIQ	129.5850, -5.9610, 3.4070

Conversions

Conversions Part 2

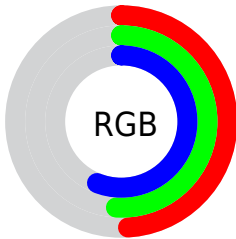
Format	Color
R_{YB}	126, 129, 142
Decimal	8290702
CIE _{Lab}	54.12, 1.63, -7.38
CIE _{LCh}	54, 7.558, 282.467
Yxy	22.0891, 0.2957, 0.3061
Android (android.graphics.Color)	4286480782 (0xFF7E818E)
YUV	129.5850, 6.1206, -3.1440
Hunter-Lab	46.9991, -1.2119, -3.3443

Details

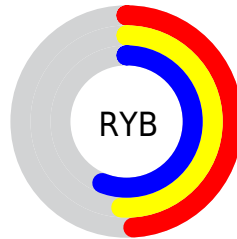
The YUV color **129.5850, 6.1206, -3.1440** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **138.4150, -6.1206, 3.1440**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.6990, 6.5574, -3.2440**, and **80.4710, 5.6838, -3.0441** is the 20% darker color. If you saturate the color by 10%, you get **118.3550, 11.6570, -5.5733**, and if you desaturate by 10%, it is **140.8150, 0.5842, -0.7148**.

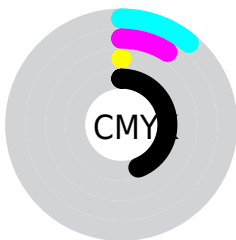
Distribution



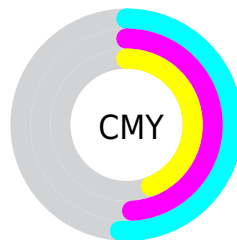
- Red (49%)
- Green (51%)
- Blue (56%)



- Red (49%)
- Yellow (51%)
- Blue (56%)



- Cyan (11%)
- Magenta (9%)
- Yellow (0%)
- Black (44%)



- Cyan (51%)
- Magenta (49%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.5850, 6.1206, -3.1440 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 129.5850, 6.1206, -3.1440 by changing the saturation by 10% instead.

■ 129.5850, 6.1206,
-3.1440

■ 129.5850, 6.1206,
-3.1440

255.0000, 0.0000,
0.0000

■ 104.4710, 5.6838,
-3.0441

■ 182.6990, 6.5574,
-3.2440

■ 80.4710, 5.6838,
-3.0441

■ 209.8130, 6.9942,
-3.3440

■ 57.3570, 5.2470,
-2.9441

■ 238.4000, 6.7048,
-3.8588

■ 36.2430, 4.8102,
-2.8441

■ 14.4710, 5.6838,
-3.0441

■ 0.0000, 0.0000,
0.0000

■ 129.5850, 6.1206,
-3.1440

■ 129.5850, 6.1206,
-3.1440

■ 118.3550, 11.6570,
-5.5733

■ 140.8150, 0.5842,
-0.7148

■ 107.7120, 16.9040,
-8.5174

■ 151.4580, -4.6628,
2.2293

■ 96.1830, 22.5878,
-11.5615

■ 162.9870,
-10.3466, 5.2734

■ 85.5400, 27.8348,
-14.5056

■ 173.6300,
-15.5936, 8.2175

■ 74.3100, 33.3712,
-16.9349

■ 184.8600,
-21.1300, 10.6468

■ 63.6670, 38.6182,
-19.8790

■ 195.5030,
-26.3770, 13.5909

■ 52.4370, 44.1546,
-22.3082

■ 206.7330,
-31.9134, 16.0202

■ 41.4950, 49.5490,

■ 217.6750,

-25.8671

-37.3078, 19.5790

■ 32.0370, 54.2118,
-28.0964

■ 228.9050,
-42.8442, 22.0083

Harmonies

Analogous

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



128.6660, 6.5737, -8.4771



129.5850, 6.1206, -3.1440



130.4610, 4.2097, 3.1037

Triad

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



129.5850, 6.1206, -3.1440



130.5130, -4.6899, 10.9511



127.6030, -1.2833, -8.4218

Complementary

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



129.5850, 6.1206, -3.1440



138.4150, -6.1206, 3.1440

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.



128.2400, -4.0623, -3.7185



129.5850, 6.1206, -3.1440



130.0350, -6.4263, 7.8623

Square

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



129.5850, 6.1206, -3.1440



130.6100, -1.7797, 10.8660



129.1160, -5.9732, 2.5293



127.2050, 2.3639, -11.5808

Rectangle

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



129.5850, 6.1206, -3.1440



131.0270, 2.4517, 6.9923



129.1160, -5.9732, 2.5293



127.9730, -2.4517, -6.9923

Sweetspot

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



129.5850, 6.1206, -3.1440



179.2710, 2.3314, -1.1147



136.8740, 1.0481, -9.5365



89.0430, 1.4578, -0.9147



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



129.5850, 6.1206, -3.1440



163.8990, 9.9098, -5.1734



129.3190, 6.2517, 1.4742



65.9720, 2.4788, -1.7294



30.0650, 51.7330, -26.3670



1.4990, 3.2050, -1.3146

Inverse Universe

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



131.1260, -1.0481, 9.5365



166.3440, -1.6486, 15.4843



138.6810, -6.2517, -1.4742



66.3210, -0.1583, 4.1035



43.2150, -8.9800, 80.4954



2.5060, -0.7425, 4.8182

Previews

White Background



This preview shows how the YUV color 129.5850, 6.1206, -3.1440 looks on a white background.

Color Contrast Check

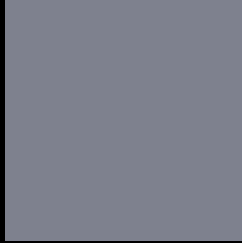
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.5850, 6.1206, -3.1440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

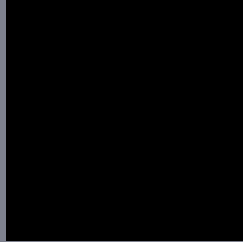
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

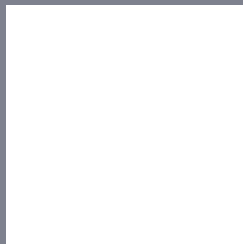
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 129.5850, 6.1206, -3.1440

Background



This preview shows how black text looks on a background with the YUV color 129.5850, 6.1206, -3.1440.



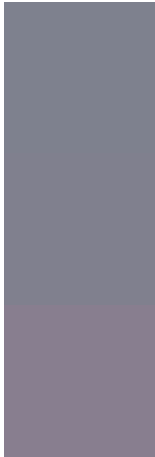
This preview shows how white text looks on a background with the YUV color 129.5850, 6.1206,

-3.1440.

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

129.5850, 6.1206, -3.1440

Protanopia

129.5960, 6.1152, -1.3997

Deuteranopia

130.9280, 5.9515, 4.4481



Tritanopia

129.3570, 5.2470, -2.9441

Trichromacy



Original Color

129.5850, 6.1206, -3.1440

Protanomaly

129.2970, 6.2626, -2.0145

Deuteranomaly

130.3190, 6.2517, 1.4742

Tritanomaly

129.4710, 5.6838, -3.0441

Monochromacy



Original Color

129.5850, 6.1206, -3.1440

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

130.1570, 1.8946, -1.0147

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.5850, 6.1206, -3.1440 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(126, 129, 142)` looks like.

```
.text, #text, p{  
    color:rgb(126, 129, 142)  
}
```

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(126, 129, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 129, 142) }
```

Border

The CSS property to change the border of an element to YUV 129.5850, 6.1206, -3.1440 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(126, 129, 142) }
```


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

```
.border{ border-color:rgb(126, 129, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 129, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 129, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 129, 142);  
box-shadow:4px 4px 4px 4px rgb(126, 129,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 129.5850, 6.1206, -3.1440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 129, 142) }
```

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

```
.background{ background-color: rgb(126,  
129, 142) }
```

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