

Converting Colors

YUV(133.8850, 31.1157,
-40.2411)

Have a look what the booklet for
YUV(133.8850, 31.1157, -40.2411)
contains.

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Color

**YUV(133.8850, 31.1157,
-40.2411)**

Conversions

Conversions Part 1

Format	Color
Hex	5891C5
RGB	88, 145, 197
RGB Percent	35%, 57%, 77%
CMY	0.6549, 0.4314, 0.2275
CMYK	0.55, 0.26, 0.00, 0.23
HSL	209°, 48%, 56%
HSV	209°, 55%, 77%
XYZ	24.2279, 26.3567, 56.6337
YIQ	133.8850, -50.6640, 4.0880

Conversions

Conversions Part 2

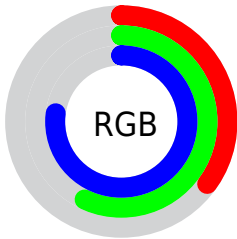
Format	Color
R_{YB}	88, 125, 197
Decimal	5804485
CIE _{Lab}	58.37, -3.55, -32.61
CIE _{LCh}	58, 32.804, 263.785
Yxy	26.3567, 0.2260, 0.2458
Android (android.graphics.Color)	4283994565 (0xFF5891C5)
YUV	133.8850, 31.1157, -40.2411
Hunter-Lab	51.3388, -5.6047, -29.4678

Details

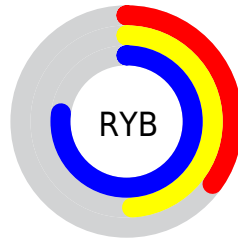
The YUV color $133.8850, 31.1157, -40.2411$ is a dark color, and the websafe version is hex $6699CC$. The color can be described as middle muted azure. A complement of this color would be $151.1150, -31.1157, 40.2411$, and the grayscale version is $134.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $189.1240, 31.9839, -38.6967$, and $78.6450, 31.7270, -49.6777$ is the 20% darker color. If you saturate the color by 10%, you get $122.6220, 36.6684, -47.9035$, and if you desaturate by 10%, it is $145.1480, 25.5630, -32.5788$.

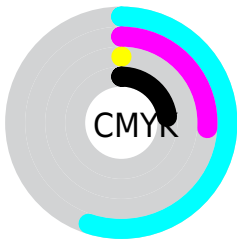
Distribution



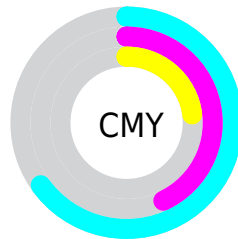
- Red (35%)
- Green (57%)
- Blue (77%)



- Red (35%)
- Yellow (49%)
- Blue (77%)



- Cyan (55%)
- Magenta (26%)
- Yellow (0%)
- Black (23%)



- Cyan (65%)
- Magenta (43%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.8850, 31.1157, -40.2411 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 133.8850, 31.1157, -40.2411 by changing the saturation by 10% instead.

■ 133.8850, 31.1157,
-40.2411

■ 133.8850, 31.1157,
-40.2411

■ 255.0000, 0.0000,
0.0000

■ 106.5750, 31.2685,
-42.6003

■ 189.1240, 31.9839,
-38.6967

■ 78.6450, 31.7270,
-49.6777

■ 214.0460, 20.1903,
-35.9973

■ 55.0150, 30.5586,
-48.2482

■ 239.1530, 7.8126,
-32.5832

■ 39.2510, 26.0053,
-34.4231

■ 248.1230, 3.3904,
-14.1399

■ 24.7750, 21.3099,
-21.7277

■ 7.5920, 18.9351,
-6.6582

■ 3.3230, 10.1938,

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 133.8850, 31.1157,
-40.2411

■ 133.8850, 31.1157,
-40.2411

■ 122.6220, 36.6684,
-47.9035

■ 145.1480, 25.5630,
-32.5788

■ 111.0710, 42.3630,
-54.4363

■ 156.6990, 19.8684,
-26.0460

■ 99.8080, 47.9157,
-62.0986

■ 167.9620, 14.3157,
-18.3837

■ 87.9580, 53.7577,
-69.2462

■ 179.8120, 8.4737,
-11.2361

■ 82.9190, 56.2419,
-72.7200

■ 191.0750, 2.9210,
-3.5738

■ 202.0390, -2.4842,
3.4738

■ 213.8890, -8.3263,
10.6213

■ 225.1520,
-13.8789, 18.2837

■ 233.7130,
-18.0995, 18.6687

Harmonies

Analogous

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



120.8930, 32.0978, -75.3282



133.8850, 31.1157, -40.2411



141.6120, 25.3343, -5.7987

Triad

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



133.8850, 31.1157, -40.2411



142.0230, -11.3503, 47.3378



131.6920, -13.1592, -26.0399

Complementary

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



133.8850, 31.1157, -40.2411



151.1150, -31.1157, 40.2411

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.



136.2840, -24.2970, -0.2491



133.8850, 31.1157, -40.2411



140.9930, -22.6745, 39.4711

Square

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



133.8850, 31.1157, -40.2411



143.5460, 2.1958, 42.4942



139.2160, -27.7145, 22.6126



125.2830, 3.8045, -53.7452

Rectangle

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



133.8850, 31.1157, -40.2411



143.7240, 18.8701, 14.2741



139.2160, -27.7145, 22.6126



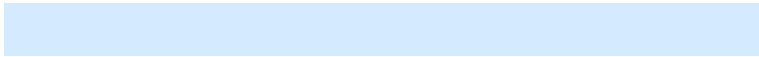
133.3080, -17.4068, -16.9331

Sweetspot

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



133.8850, 31.1157, -40.2411



229.8160, 12.4157, -15.6246



157.7970, -9.2669, -61.2120



112.5950, 7.5947, -9.2918



0.0000, 0.0000, 0.0000



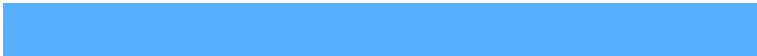
128.0000, 0.0000, 0.0000

Same Dimension

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



133.8850, 31.1157, -40.2411



157.8080, 47.9157, -62.0986



102.7740, 46.4534, -12.9568



93.9610, 2.4842, -3.4738



68.4770, 46.5998, -60.0543



15.2570, 10.2263, -13.3804

Inverse Universe

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



127.0890, 8.8301, 61.3119



147.2640, 13.6738, 94.4845



182.2260, -46.4534, 12.9568



93.2610, 0.8573, 5.0331



58.4270, 13.1005, 91.7105



12.9300, 2.9925, 20.2324

Previews

White Background



This preview shows how the YUV color 133.8850, 31.1157, -40.2411 looks on a white background.

Color Contrast Check

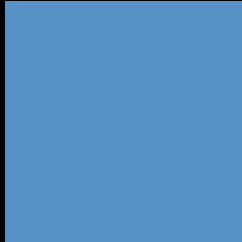
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.8850, 31.1157, -40.2411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

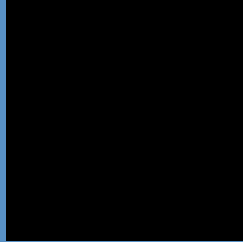
Any Text WCAG AA ✓ Pass

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 133.8850, 31.1157, -40.2411 Background



This preview shows how black text looks on a background with the YUV color 133.8850, 31.1157, -40.2411.

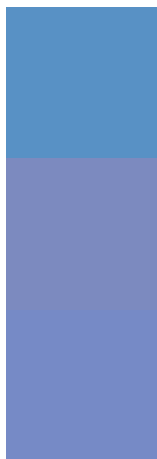


This preview shows how white text looks on a background with the YUV color 133.8850, 31.1157, -40.2411.

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

133.8850, 31.1157, -40.2411

Protanopia

139.8560, 25.2140, -13.9057

Deuteranopia

138.8600, 29.1560, -18.2942



Tritanopia

129.6440, 16.4445, -47.9228

Trichromacy



Original Color

133.8850, 31.1157, -40.2411

Protanomaly

137.9580, 27.1357, -23.6422

Deuteranomaly

137.3320, 29.9093, -26.6012

Tritanomaly

131.3330, 21.5278, -45.0190

Monochromacy



Original Color

133.8850, 31.1157, -40.2411

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

133.8870, 11.3947, -14.8099

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.8850, 31.1157, -40.2411 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(88, 145, 197)` looks like.

```
.text, #text, p{  
    color:rgb(88, 145, 197)  
}
```

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(88, 145, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 145, 197) }
```

Border

The CSS property to change the border of an element to YUV 133.8850, 31.1157, -40.2411 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(88, 145, 197) }
```


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

```
.border{ border-color:rgb(88, 145, 197) }
```

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

Here you see how a box with a 4 pixel rgb(88, 145, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 145, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 145, 197);  
box-shadow:4px 4px 4px 4px rgb(88, 145,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 133.8850, 31.1157, -40.2411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 145, 197) }
```

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

```
.background{ background-color: rgb(88, 145,  
197) }
```

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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