

Converting Colors

YUV(133.5780, 3.1660,
-35.5869)

Have a look what the booklet for
YUV(133.5780, 3.1660, -35.5869)
contains.

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Color

**YUV(133.5780, 3.1660,
-35.5869)**

Conversions

Conversions Part 1

Format	Color
Hex	5D998C
RGB	93, 153, 140
RGB Percent	36%, 60%, 55%
CMY	0.6353, 0.4000, 0.4510
CMYK	0.39, 0.00, 0.08, 0.40
HSL	167°, 24%, 48%
HSV	167°, 39%, 60%
XYZ	20.6391, 27.0031, 28.9353
YIQ	133.5780, -31.5870, -16.7630

Conversions

Conversions Part 2

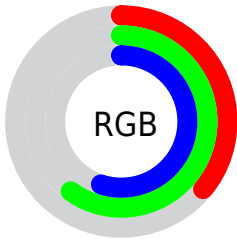
Format	Color
R_{YB}	93, 127, 153
Decimal	6134156
CIE _{Lab}	58.98, -22.65, 0.69
CIE _{LCh}	59, 22.658, 178.262
Yxy	27.0031, 0.2695, 0.3526
Android (android.graphics.Color)	4284324236 (0xFF5D998C)
YUV	133.5780, 3.1660, -35.5869
Hunter-Lab	51.9645, -20.0419, 3.3608

Details

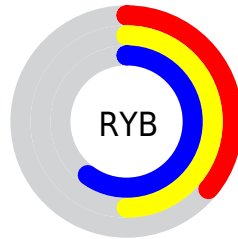
The YUV color **133.5780, 3.1660, -35.5869** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **112.4220, -3.1660, 35.5869**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.7520, 2.5873, -36.6165**, and **82.3930, 3.7503, -36.3017** is the 20% darker color. If you saturate the color by 10%, you get **128.7510, 4.0668, -44.5086**, and if you desaturate by 10%, it is **138.4050, 2.2653, -26.6652**.

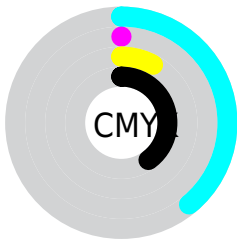
Distribution



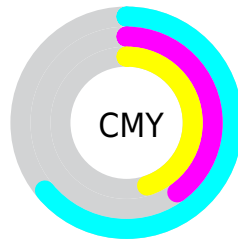
- Red (36%)
- Green (60%)
- Blue (55%)



- Red (36%)
- Yellow (50%)
- Blue (60%)



- Cyan (39%)
- Magenta (0%)
- Yellow (8%)
- Black (40%)



- Cyan (64%)
- Magenta (40%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YUV color 133.5780, 3.1660, -35.5869 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 133.5780, 3.1660, -35.5869 by changing the saturation by 10% instead.


 133.5780, 3.1660,
-35.5869


 133.5780, 3.1660,
-35.5869


255.0000, 0.0000,
0.0000

 107.6920, 3.6028,
-35.6869


 187.7520, 2.5873,
-36.6165

 82.3930, 3.7503,
-36.3017


 215.4530, 2.7347,
-37.2313


 56.1260, 5.3609,
-39.5755

 238.2840, 5.7760,
-32.6981

 36.8280, 4.0288,
-32.2982

 247.5250, 3.6852,
-15.3694

 22.1070, 0.9332,
-19.3878

 0.0000, 0.0000,
0.0000

■ 133.5780, 3.1660,
-35.5869

■ 133.5780, 3.1660,
-35.5869

■ 128.7510, 4.0668,
-44.5086

■ 138.4050, 2.2653,
-26.6652

■ 123.5110, 4.6781,
-53.9451

■ 143.6450, 1.6540,
-17.2287

■ 118.6840, 5.5788,
-62.8669

■ 148.4720, 0.7533,
-8.3069

■ 113.8570, 6.4795,
-71.7886

■ 153.2990, -0.1474,
0.6148

■ 108.6170, 7.0908,
-81.2251

■ 158.5390, -0.7587,
10.0513

■ 103.7900, 7.9915,
-90.1468

■ 163.3660, -1.6594,
18.9730

■ 103.4910, 8.1389,
-90.7616

■ 168.1930, -2.5601,
27.8947

■ 173.1340, -3.0241,

36.7165

 178.2600, -4.0722,
46.2530

Harmonies

Analogous

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



136.4030, -8.0867, -19.6474



133.5780, 3.1660, -35.5869



132.8680, 13.3761, -43.7342

Triad

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



133.5780, 3.1660, -35.5869



143.3540, 16.5875, -0.3105



143.1100, -16.8162, 27.0905

Complementary

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



133.5780, 3.1660, -35.5869



112.4220, -3.1660, 35.5869

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.



144.2770, -9.9966, 33.0831



133.5780, 3.1660, -35.5869



145.1130, 8.8183, 18.3179

Square

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



133.5780, 3.1660, -35.5869



139.8460, 20.2889, -20.9129



145.3720, -0.6764, 30.3688



141.0500, -19.2517, 14.8651

Rectangle

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



133.5780, 3.1660, -35.5869



133.8450, 18.3174, -41.9601



145.3720, -0.6764, 30.3688



143.2890, -14.9325, 29.5645

Sweetspot

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



133.5780, 3.1660, -35.5869



191.2540, 1.3538, -14.2548



132.1070, -19.2798, -22.8958



94.7710, 0.6059, -7.6922



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.



133.5780, 3.1660, -35.5869



168.6140, 5.1203, -55.7895



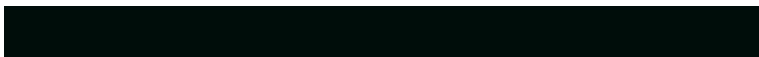
125.0810, 13.7641, -28.1350



74.3800, 0.3057, -4.7183



94.7200, 7.5330, -83.0694



8.7710, 0.6059, -7.6922

Inverse Universe

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



112.4220, -3.1660, 35.5869



135.5000, -4.6835, 55.6895



120.9190, -13.7641, 28.1350



71.6200, -0.3057, 4.7183



45.2800, -7.5330, 83.0694



4.2290, -0.6059, 7.6922

Previews

White Background



This preview shows how the YUV color 133.5780, 3.1660, -35.5869 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 133.5780, 3.1660, -35.5869 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 133.5780, 3.1660, -35.5869

Background



This preview shows how black text looks on a background with the YUV color 133.5780, 3.1660, -35.5869.



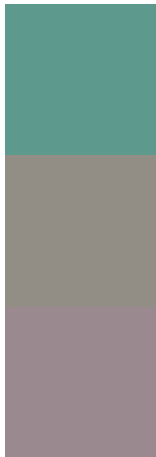
This preview shows how white text looks on a background with the YUV color 133.5780, 3.1660, -35.5869.

-35.5869.

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

133.5780, 3.1660, -35.5869

Protanopia

141.5830, -4.2314, 3.8737

Deuteranopia

142.7670, 0.1149, 9.8513



Tritanopia

136.1190, 12.7593, -32.5534

Trichromacy



Original Color

133.5780, 3.1660, -35.5869

Protanomaly

138.5920, -1.2779, -10.1662

Deuteranomaly

139.5970, 1.1847, -6.6626

Tritanomaly

135.1960, 9.2704, -33.4979

Monochromacy



Original Color

133.5780, 3.1660, -35.5869

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

133.8520, 1.0590, -13.0252

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.5780, 3.1660, -35.5869 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(93, 153, 140)` looks like.

```
.text, #text, p{  
    color:rgb(93, 153, 140)  
}
```

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(93, 153, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 153, 140) }
```

Border

The CSS property to change the border of an element to YUV 133.5780, 3.1660, -35.5869 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(93, 153, 140) }
```


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

```
.border{ border-color:rgb(93, 153, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 153, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 153, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 153, 140);  
box-shadow:4px 4px 4px 4px rgb(93, 153,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 133.5780, 3.1660, -35.5869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 153, 140) }
```

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

```
.background{ background-color: rgb(93, 153,  
140) }
```

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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