

Converting Colors

YUV(159.3800, -10.0473,
-44.1833)

Have a look what the booklet for
YUV(159.3800, -10.0473, -44.1833)
contains.

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Color

**YUV(159.3800, -10.0473,
-44.1833)**

Conversions

Conversions Part 1

Format	Color
Hex	6DBD8B
RGB	109, 189, 139
RGB Percent	43%, 74%, 55%
CMY	0.5725, 0.2588, 0.4549
CMYK	0.42, 0.00, 0.26, 0.26
HSL	142°, 38%, 58%
HSV	142°, 42%, 74%
XYZ	29.1645, 41.5105, 30.9013
YIQ	159.3800, -31.6300, -32.5100

Conversions

Conversions Part 2

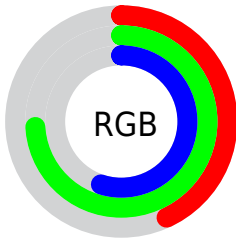
Format	Color
RYB	109, 167, 189
Decimal	7191947
CIELab	70.53, -35.74, 17.76
CIELCh	71, 39.911, 153.576
Yxy	41.5105, 0.2871, 0.4087
Android (android.graphics.Color)	4285382027 (0xFF6DBD8B)
YUV	159.3800, -10.0473, -44.1833
Hunter-Lab	64.4286, -31.9497, 16.6633

Details

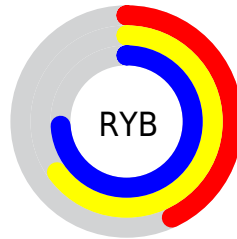
The YUV color **159.3800, -10.0473, -44.1833** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **138.6200, 10.0473, 44.1833**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.4400, -11.0629, -45.1129**, and **105.8360, -8.3001, -44.5832** is the 20% darker color. If you saturate the color by 10%, you get **152.3310, -12.4882, -54.6643**, and if you desaturate by 10%, it is **166.4290, -7.6065, -33.7022**.

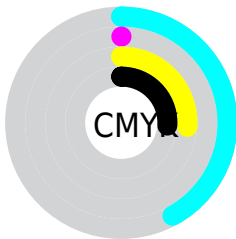
Distribution



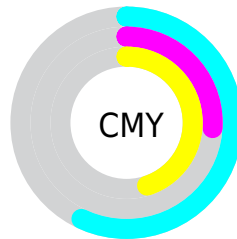
- Red (43%)
- Green (74%)
- Blue (55%)



- Red (43%)
- Yellow (65%)
- Blue (74%)



- Cyan (42%)
- Magenta (0%)
- Yellow (26%)
- Black (26%)



- Cyan (57%)
- Magenta (26%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.3800, -10.0473, -44.1833 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 159.3800, -10.0473, -44.1833 by changing the saturation by 10% instead.

■ 159.3800,
-10.0473, -44.1833

■ 159.3800,
-10.0473, -44.1833

255.0000, 0.0000,
0.0000

■ 132.4940, -9.6105,
-44.2832

■ 215.4400,
-11.0629, -45.1129

■ 105.8360, -8.3001,
-44.5832

■ 232.2870, -5.5645,
-35.3317

■ 78.5690, -6.6895,
-47.8570

■ 244.1500, 2.3910,
-20.3026

■ 54.2100, -5.5265,
-47.5422

■ 253.5050, 0.7370,
-3.0739

■ 37.6140, -8.1907,
-32.9875

■ 22.8930, -11.2862,
-20.0772

■ 2.3480, -1.1576,

-2.0592

■ 0.0000, 0.0000,
0.0000

■ 159.3800,
-10.0473, -44.1833

■ 159.3800,
-10.0473, -44.1833

■ 152.3310,
-12.4882, -54.6643

■ 166.4290, -7.6065,
-33.7022

■ 145.2820,
-14.9290, -65.1453

■ 173.4780, -5.1657,
-23.2212

■ 138.3470,
-16.9331, -75.7263

■ 180.4130, -3.1616,
-12.6402

■ 131.2980,
-19.3739, -86.2073

■ 187.4620, -0.7208,
-2.1592

■ 124.5480,
-21.9622, -96.0736

■ 194.5110, 1.7201,
8.3219

■ 119.0370,
-23.6822, -104.3954

■ 201.2610, 4.3083,
18.1881

■ 208.3100, 6.7492,
28.6691

■ 213.8640, 9.9270,
36.0763

■ 215.1180, 14.7318,
34.9765

Harmonies

Analogous

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



165.5340, -26.8853, -10.1153



159.3800, -10.0473, -44.1833



148.6150, 13.5008, -83.8544

Triad

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



159.3800, -10.0473, -44.1833



168.3290, 37.7988, -37.1225



173.9120, -19.6766, 57.9592

Complementary

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



159.3800, -10.0473, -44.1833



138.6200, 10.0473, 44.1833

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.



175.8530, -3.3785, 57.1339



159.3800, -10.0473, -44.1833



175.4870, 28.3539, 5.7119

Square

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



159.3800, -10.0473, -44.1833



151.7590, 42.0238, -85.7346



177.2110, 13.7000, 39.2800



172.0230, -31.5633, 43.8298

Rectangle

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



159.3800, -10.0473, -44.1833



134.9170, 32.0859, -118.3222



177.2110, 13.7000, 39.2800



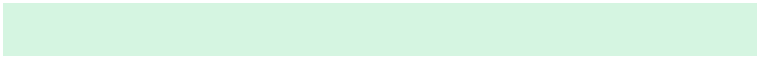
174.8890, -14.7353, 59.7333

Sweetspot

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



159.3800, -10.0473, -44.1833



233.1520, -4.0189, -17.6733



171.2090, -30.6690, -9.8303



114.9510, -2.4408, -10.4810



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



159.3800, -10.0473, -44.1833



198.7330, -15.6444, -69.0488



163.8260, 6.9878, -48.0824



90.6250, -1.2941, -4.9331



99.4720, -19.9527, -87.2369



19.4510, -4.1663, -17.0585

Inverse Universe

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



138.6200, 10.0473, 44.1833



166.2670, 15.6444, 69.0488



134.1740, -6.9878, 48.0824



88.3750, 1.2941, 4.9331



58.5280, 19.9527, 87.2369



11.4350, 3.7295, 17.1585

Previews

White Background



This preview shows how the YUV color 159.3800, -10.0473, -44.1833 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 159.3800, -10.0473, -44.1833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

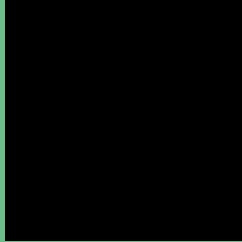
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.3800, -10.0473, -44.1833 Background



This preview shows how black text looks on a background with the YUV color 159.3800, -10.0473, -44.1833.



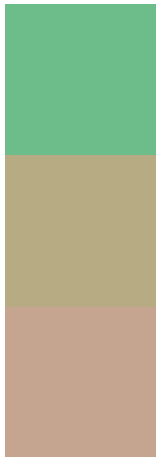
This preview shows how white text looks on a background with the YUV color 159.3800, -10.0473, -44.1833.

-44.1833.

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

159.3800, -10.0473, -44.1833

Protanopia

170.0280, -19.2408, 11.3764

Deuteranopia

172.4730, -14.0372, 22.3872



Tritanopia

165.6560, 14.9596, -38.2863

Trichromacy



Original Color

159.3800, -10.0473, -44.1833

Protanomaly

166.4060, -15.9762, -9.1261

Deuteranomaly

167.9600, -12.7983, -1.7189

Tritanomaly

163.5280, 5.6557, -40.8051

Monochromacy



Original Color

159.3800, -10.0473, -44.1833

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.2770, -3.5876, -16.0289

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.3800, -10.0473, -44.1833 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(109, 189, 139)` looks like.

```
.text, #text, p{  
    color:rgb(109, 189, 139)  
}
```

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(109, 189, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 189, 139) }
```

Border

The CSS property to change the border of an element to YUV 159.3800, -10.0473, -44.1833 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(109, 189, 139) }
```


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

```
.border{ border-color:rgb(109, 189, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 189, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 189, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 189, 139);  
box-shadow:4px 4px 4px 4px rgb(109, 189,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 159.3800, -10.0473, -44.1833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 189, 139) }
```

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

```
.background{ background-color: rgb(109,  
189, 139) }
```

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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