

Converting Colors

YUV(159.3990, -2.1687,
-51.2159)

Have a look what the booklet for
YUV(159.3990, -2.1687, -51.2159)
contains.

YUV(159.3990, -2.1687, -51.2159)	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(159.3990, -2.1687,
-51.2159)**

Conversions

Conversions Part 1

Format	Color
Hex	65BE9B
RGB	101, 190, 155
RGB Percent	40%, 75%, 61%
CMY	0.6039, 0.2549, 0.3922
CMYK	0.47, 0.00, 0.18, 0.25
HSL	156°, 41%, 57%
HSV	156°, 47%, 75%
XYZ	29.6967, 41.9602, 37.5443
YIQ	159.3990, -41.8090, -29.7530

Conversions

Conversions Part 2

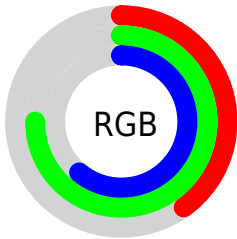
Format	Color
RYB	101, 156, 190
Decimal	6667931
CIELab	70.84, -35.04, 9.48
CIElCh	71, 36.305, 164.857
Yxy	41.9602, 0.2719, 0.3842
Android (android.graphics.Color)	4284858011 (0xFF65BE9B)
YUV	159.3990, -2.1687, -51.2159
Hunter-Lab	64.7767, -31.5264, 10.9794

Details

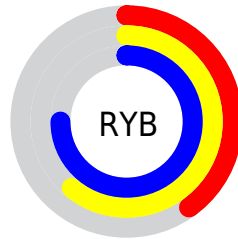
The YUV color **159.3990, -2.1687, -51.2159** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **131.6010, 2.1687, 51.2159**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.7580, -3.3317, -51.5308**, and **104.8440, -0.4161, -53.3602** is the 20% darker color. If you saturate the color by 10%, you get **152.9200, -2.4256, -62.1968**, and if you desaturate by 10%, it is **165.8780, -1.9119, -40.2350**.

Distribution



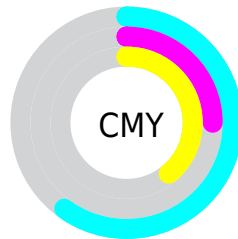
- Red (40%)
- Green (75%)
- Blue (61%)



- Red (40%)
- Yellow (61%)
- Blue (75%)



- Cyan (47%)
- Magenta (0%)
- Yellow (18%)
- Black (25%)



- Cyan (60%)
- Magenta (25%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.3990, -2.1687, -51.2159 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 159.3990, -2.1687, -51.2159 by changing the saturation by 10% instead.

■ 159.3990, -2.1687,
-51.2159

■ 159.3990, -2.1687,
-51.2159

255.0000, 0.0000,
0.0000

■ 132.2140, -1.5845,
-51.9307

■ 215.7580, -3.3317,
-51.5308

■ 104.8440, -0.4161,
-53.3602

■ 232.1320, 2.8929,
-41.3348

■ 73.6900, 3.1108,
-64.6261

■ 242.7410, 6.0437,
-25.2059

■ 56.3930, 0.2993,
-49.4567

■ 251.4120, 1.7689,
-7.3773

■ 39.7970, -2.3649,
-34.9020

■ 24.4890, -5.1711,
-21.4769

■ 3.5220, -1.7363,

-3.0888

■ 0.0000, 0.0000,
0.0000

■ 159.3990, -2.1687,
-51.2159

■ 159.3990, -2.1687,
-51.2159

■ 152.9200, -2.4256,
-62.1968

■ 165.8780, -1.9119,
-40.2350

■ 146.3270, -3.1192,
-73.0778

■ 172.4710, -1.2182,
-29.3541

■ 139.8480, -3.3761,
-84.0587

■ 178.9500, -0.9613,
-18.3731

■ 133.2550, -4.0697,
-94.9396

■ 185.5430, -0.2677,
-7.4922

■ 126.7760, -4.3266,
-105.9206

■ 192.0220, -0.0108,
3.4887

 124.6400, -4.7525,
-109.3093

 198.6150, 0.6828,
14.3696

 205.0940, 0.9397,
25.3506

 211.6870, 1.6333,
36.2315

 213.0830, 4.3961,
36.7612

Harmonies

Analogous

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



165.3030, -19.8694, -20.4367



159.3990, -2.1687, -51.2159



151.3040, 18.5841, -80.9506

Triad

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



159.3990, -2.1687, -51.2159



173.1420, 31.4820, -17.6645



174.6460, -22.9965, 49.4225

Complementary

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



159.3990, -2.1687, -51.2159



131.6010, 2.1687, 51.2159

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.



176.0500, -8.8986, 54.3302



159.3990, -2.1687, -51.2159



177.6150, 20.8958, 17.8776

Square

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



159.3990, -2.1687, -51.2159



163.3390, 35.8219, -56.4253



177.8110, 6.9952, 43.1388



172.7720, -30.9466, 32.6490

Rectangle

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



159.3990, -2.1687, -51.2159



148.9250, 30.1100, -91.1422



177.8110, 6.9952, 43.1388



175.4060, -18.9342, 53.1409

Sweetspot

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



159.3990, -2.1687, -51.2159



235.3520, -0.6665, -19.6027



164.0070, -31.0625, -23.6851



117.8090, -0.3988, -12.1105



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



159.3990, -2.1687, -51.2159



199.5820, -3.2449, -79.4404



158.1060, 15.7237, -50.0820



90.9670, 0.0163, -5.2331



103.6900, -3.7912, -90.9361



20.3630, -0.6720, -17.8584

Inverse Universe

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



131.6010, 2.1687, 51.2159



156.4180, 3.2449, 79.4404



132.8940, -15.7237, 50.0820



88.1470, 0.4205, 5.1331



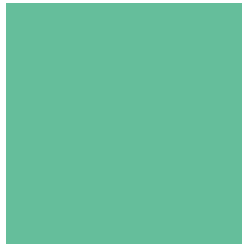
54.3100, 3.7912, 90.9361



10.6370, 0.6720, 17.8584

Previews

White Background



This preview shows how the YUV color 159.3990, -2.1687, -51.2159 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 159.3990, -2.1687, -51.2159 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

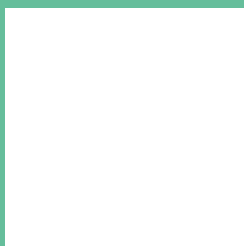
Any Text WCAG AAA ✓ Pass

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

YUV 159.3990, -2.1687, -51.2159 Background



This preview shows how black text looks on a background with the YUV color 159.3990, -2.1687, -51.2159.



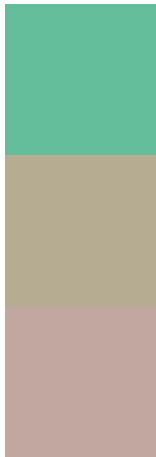
This preview shows how white text looks on a background with the YUV color 159.3990, -2.1687, -51.2159.

-51.2159.

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

159.3990, -2.1687, -51.2159

Protanopia

171.7270, -12.6834, 8.1324

Deuteranopia

173.6880, -6.7482, 17.8136



Tritanopia

164.4810, 17.0179, -45.1488

Trichromacy



Original Color

159.3990, -2.1687, -51.2159

Protanomaly

167.5070, -9.1240, -13.5996

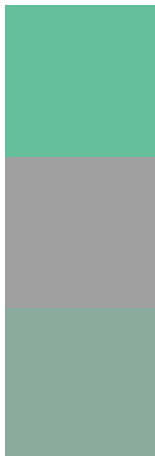
Deuteranomaly

168.5770, -5.2145, -7.5220

Tritanomaly

162.6350, 10.0399, -47.0379

Monochromacy



Original Color

159.3990, -2.1687, -51.2159

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.0640, -0.5246, -18.4731

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.3990, -2.1687, -51.2159 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(101, 190, 155)` looks like.

```
.text, #text, p{  
    color:rgb(101, 190, 155)  
}
```

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(101, 190, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 190, 155) }
```

Border

The CSS property to change the border of an element to YUV 159.3990, -2.1687, -51.2159 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(101, 190, 155) }
```


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

```
.border{ border-color:rgb(101, 190, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 190, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 190, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 190, 155);  
box-shadow:4px 4px 4px 4px rgb(101, 190,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 159.3990, -2.1687, -51.2159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 190, 155) }
```

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

```
.background{ background-color: rgb(101,  
190, 155) }
```

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