

Converting Colors

YUV(138.4990, 9.6140,
-50.4266)

Have a look what the booklet for
YUV(138.4990, 9.6140, -50.4266)
contains.

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Color

**YUV(138.4990, 9.6140,
-50.4266)**

Conversions

Conversions Part 1

Format	Color
Hex	51A49E
RGB	81, 164, 158
RGB Percent	32%, 64%, 62%
CMY	0.6824, 0.3569, 0.3804
CMYK	0.51, 0.00, 0.04, 0.36
HSL	176°, 34%, 48%
HSV	176°, 51%, 64%
XYZ	22.8404, 30.7689, 37.0829
YIQ	138.4990, -47.5420, -19.4620

Conversions

Conversions Part 2

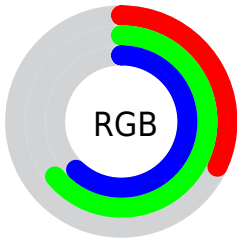
Format	Color
RYB	81, 124, 164
Decimal	5350558
CIELab	62.31, -26.70, -4.65
CIElCh	62, 27.098, 189.878
Yxy	30.7689, 0.2518, 0.3393
Android (android.graphics.Color)	4283540638 (0xFF51A49E)
YUV	138.4990, 9.6140, -50.4266
Hunter-Lab	55.4697, -23.5723, -0.8081

Details

The YUV color **138.4990, 9.6140, -50.4266** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **106.5010, -9.6140, 50.4266**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.7980, 9.4666, -49.8118**, and **82.7260, 11.9671, -58.5187** is the 20% darker color. If you saturate the color by 10%, you get **133.6010, 11.5357, -60.1631**, and if you desaturate by 10%, it is **143.3970, 7.6923, -40.6902**.

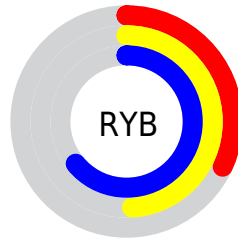
Distribution



Red (32%)

Green (64%)

Blue (62%)



Red (32%)

Yellow (49%)

Blue (64%)

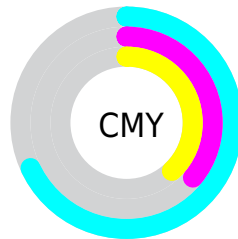


Cyan (51%)

Magenta (0%)

Yellow (4%)

Black (36%)



Cyan (68%)

Magenta (36%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.4990, 9.6140, -50.4266 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 138.4990, 9.6140, -50.4266 by changing the saturation by 10% instead.

■ 138.4990, 9.6140,
-50.4266

■ 138.4990, 9.6140,
-50.4266

■ 255.0000, 0.0000,
0.0000

■ 111.0150, 10.3456,
-51.7562

■ 193.7980, 9.4666,
-49.8118

■ 82.7260, 11.9671,
-58.5187

■ 222.3850, 9.1772,
-50.3266

■ 60.5310, 11.0772,
-53.0857

■ 236.4620, 9.1392,
-38.1162

■ 43.8210, 7.9762,
-38.4310

■ 245.1330, 4.8644,
-20.2876

■ 28.3990, 4.7333,
-24.9059

■ 254.1030, 0.4422,
-1.8443

■ 11.4440, 3.2321,
-10.0364

■ 0.0000, 0.0000,

0.0000

■ 138.4990, 9.6140,
-50.4266

■ 138.4990, 9.6140,
-50.4266

■ 133.6010, 11.5357,
-60.1631

■ 143.3970, 7.6923,
-40.6902

■ 128.4040, 13.6048,
-70.5143

■ 148.5940, 5.6232,
-30.3389

■ 123.3920, 15.0897,
-80.1508

■ 153.6060, 4.1382,
-20.7025

■ 118.1950, 17.1589,
-90.5020

■ 158.8030, 2.0691,
-10.3512

■ 113.5960, 18.9332,
-99.6237

■ 163.7010, 0.1474,
-0.6148

■ 168.5990, -1.7743,
9.1217

■ 173.7960, -3.8434,
19.4729

■ 178.6940, -5.7651,
29.2094

■ 184.0050, -7.3975,
39.4606

Harmonies

Analogous

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



142.2380, -4.5543, -32.6577



138.4990, 9.6140, -50.4266



138.1530, 21.1236, -55.3852

Triad

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



138.4990, 9.6140, -50.4266



153.8220, 16.8498, 8.9261



151.0300, -22.1998, 27.1607

Complementary

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



138.4990, 9.6140, -50.4266



106.5010, -9.6140, 50.4266

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.



152.2300, -15.3964, 38.3863



138.4990, 9.6140, -50.4266



154.6090, 6.6018, 29.2839

Square

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



138.4990, 9.6140, -50.4266



149.7910, 23.7670, -16.4797



153.5750, -5.2135, 38.9607



148.8060, -22.5824, 9.8171

Rectangle

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



138.4990, 9.6140, -50.4266



141.7070, 24.3014, -47.9780



153.5750, -5.2135, 38.9607



151.2200, -20.3215, 31.3791

Sweetspot

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



138.4990, 9.6140, -50.4266



204.2040, 3.8434, -19.4729



131.8140, -25.0513, -38.4249



101.2050, 2.3639, -11.5808



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



138.4990, 9.6140, -50.4266



174.1040, 15.2317, -79.0212



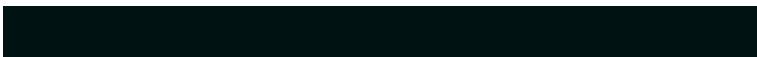
118.6380, 22.3635, -33.0085



79.1950, 0.8899, -5.4330



100.5050, 17.0060, -88.1429



12.5040, 2.2165, -10.9660

Inverse Universe

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



106.5010, -9.6140, 50.4266



123.8960, -15.2317, 79.0212



126.3620, -22.3635, 33.0085



75.8050, -0.8899, 5.4330



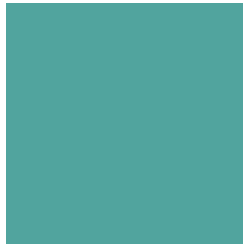
44.6090, -16.5692, 88.0429



5.4960, -2.2165, 10.9660

Previews

White Background



This preview shows how the YUV color 138.4990, 9.6140, -50.4266 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 138.4990, 9.6140, -50.4266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

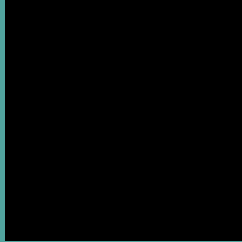
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 138.4990, 9.6140, -50.4266

Background



This preview shows how black text looks on a background with the YUV color 138.4990, 9.6140, -50.4266.



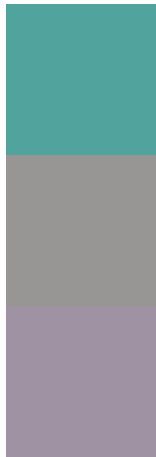
This preview shows how white text looks on a background with the YUV color 138.4990, 9.6140,

-50.4266.

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

138.4990, 9.6140, -50.4266

Protanopia

149.8970, -0.4422, 1.8443

Deuteranopia

151.7110, 5.0725, 6.3925



Tritanopia

141.0570, 16.7339, -47.4080

Trichromacy



Original Color

138.4990, 9.6140, -50.4266

Protanomaly

145.4000, 3.2538, -17.0138

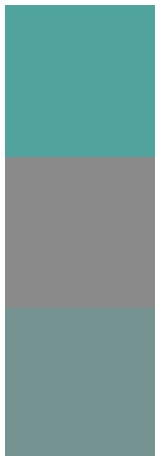
Deuteranomaly

147.3340, 6.7373, -14.3249

Tritanomaly

140.3620, 14.1185, -48.5525

Monochromacy



Original Color

138.4990, 9.6140, -50.4266

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.8020, 3.5486, -18.2434

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.4990, 9.6140, -50.4266 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(81, 164, 158)` looks like.

```
.text, #text, p{  
    color:rgb(81, 164, 158)  
}
```

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(81, 164, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 164, 158) }
```

Border

The CSS property to change the border of an element to YUV 138.4990, 9.6140, -50.4266 is called "border". The border property can be set on classes, ids or directly on the HTML element.

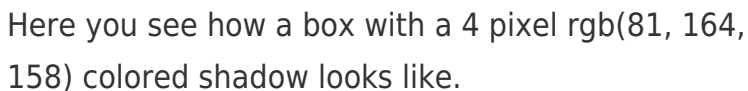
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(81, 164, 158) }
```


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

```
.border{ border-color:rgb(81, 164, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(81, 164, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 164, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 164, 158);  
box-shadow:4px 4px 4px 4px rgb(81, 164,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 138.4990, 9.6140, -50.4266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 164, 158) }
```

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

```
.background{ background-color: rgb(81, 164,  
158) }
```

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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