

Converting Colors

YUV(117.0090, 12.8136,
-49.9969)

Have a look what the booklet for
YUV(117.0090, 12.8136, -49.9969)
contains.

YUV(117.0090, 12.8136, -49.9969)	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(117.0090, 12.8136,
-49.9969)**

Conversions

Conversions Part 1

Format	Color
Hex	3C8D8F
RGB	60, 141, 143
RGB Percent	24%, 55%, 56%
CMY	0.7647, 0.4471, 0.4392
CMYK	0.58, 0.01, 0.00, 0.44
HSL	181°, 41%, 40%
HSV	181°, 58%, 56%
XYZ	16.3463, 21.9936, 29.3702
YIQ	117.0090, -48.9180, -16.5500

Conversions

Conversions Part 2

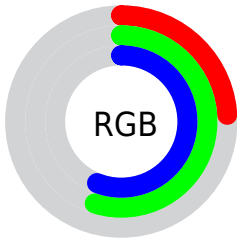
Format	Color
RYB	60, 101, 143
Decimal	3968399
CIELab	54.02, -23.76, -8.50
CIELCh	54, 25.231, 199.688
Yxy	21.9936, 0.2414, 0.3248
Android (android.graphics.Color)	4282158479 (0xFF3C8D8F)
YUV	117.0090, 12.8136, -49.9969
Hunter-Lab	46.8973, -19.8533, -4.3033

Details

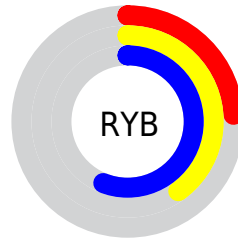
The YUV color **117.0090, 12.8136, -49.9969** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **85.9910, -12.8136, 49.9969**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.6070, 12.5187, -48.7673**, and **63.4320, 14.5770, -55.6299** is the 20% darker color. If you saturate the color by 10%, you get **112.8230, 14.8773, -58.6038**, and if you desaturate by 10%, it is **121.1950, 10.7499, -41.3900**.

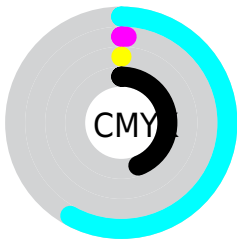
Distribution



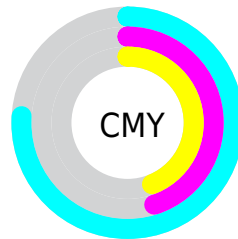
- Red (24%)
- Green (55%)
- Blue (56%)



- Red (24%)
- Yellow (40%)
- Blue (56%)



- Cyan (58%)
- Magenta (1%)
- Yellow (0%)
- Black (44%)



- Cyan (76%)
- Magenta (45%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.0090, 12.8136, -49.9969 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 117.0090, 12.8136, -49.9969 by changing the saturation by 10% instead.

■ 117.0090, 12.8136,
-49.9969

■ 117.0090, 12.8136,
-49.9969

■ 255.0000, 0.0000,
0.0000

■ 89.2150, 13.6980,
-53.6856

■ 171.6070, 12.5187,
-48.7673

■ 63.4320, 14.5770,
-55.6299

■ 199.6070, 12.5187,
-48.7673

■ 47.1950, 10.7499,
-41.3900

■ 228.1940, 12.2294,
-49.2821

■ 31.1860, 7.7963,
-27.3501

■ 238.8540, 7.9600,
-33.1980

■ 16.4650, 4.7008,
-14.4398

■ 247.5250, 3.6852,
-15.3694

■ 0.0000, 0.0000,
0.0000

■ 117.0090, 12.8136,
-49.9969

■ 117.0090, 12.8136,
-49.9969

■ 112.8230, 14.8773,
-58.6038

■ 121.1950, 10.7499,
-41.3900

■ 107.7510, 17.3778,
-67.3106

■ 126.2670, 8.2494,
-32.6832

■ 103.5650, 19.4415,
-75.9175

■ 130.4530, 6.1857,
-24.0763

■ 99.3790, 21.5052,
-84.5244

■ 134.6390, 4.1220,
-15.4694

■ 98.4820, 21.9474,
-86.3687


■ 139.7110, 1.6215,
-6.7625

■ 143.8970, -0.4422,
1.8443

■ 148.0830, -2.5059,
10.4512

■ 152.8560, -4.8590,

18.5433

 157.3410, -7.0701,
27.7649

Harmonies

Analogous

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



120.1820, 0.4033, -36.1166



117.0090, 12.8136, -49.9969



118.8980, 21.2493, -49.0225

Triad

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



117.0090, 12.8136, -49.9969



132.3020, 12.1761, 14.6441



128.4420, -20.4309, 19.7834

Complementary

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



117.0090, 12.8136, -49.9969



85.9910, -12.8136, 49.9969

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.



130.2570, -16.3957, 32.2236



117.0090, 12.8136, -49.9969



132.5830, 2.6706, 30.1837

Square

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



117.0090, 12.8136, -49.9969



129.8200, 19.8087, -6.8581



131.2820, -7.5340, 36.5867



126.3860, -18.9243, 3.1695

Rectangle

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



117.0090, 12.8136, -49.9969



122.1320, 23.1059, -37.8268



131.2820, -7.5340, 36.5867



129.2900, -19.8630, 24.3017

Sweetspot

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



117.0090, 12.8136, -49.9969



176.1440, 4.8590, -18.5433



108.8350, -23.5827, -42.8283



88.3190, 2.8007, -11.6808



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



117.0090, 12.8136, -49.9969



145.3690, 20.0311, -78.3766



92.9420, 24.6786, -28.8901



68.9070, 1.0318, -4.3034



92.8740, 20.7681, -81.4505



5.0210, 1.4686, -4.4034

Inverse Universe

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



94.0510, 23.1459, 42.9283



109.3480, 36.3104, 67.2238



110.0580, -24.6786, 28.8901



66.8910, 2.0257, 3.6036



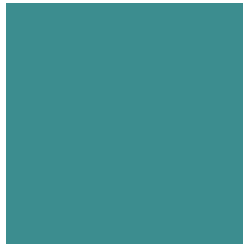
55.4130, 37.7574, 69.7978



3.1900, 1.8783, 4.2184

Previews

White Background



This preview shows how the YUV color 117.0090, 12.8136, -49.9969 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 117.0090, 12.8136, -49.9969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

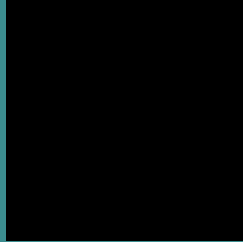
Any Text WCAG AA ✓ Pass

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 117.0090, 12.8136, -49.9969 Background



This preview shows how black text looks on a background with the YUV color 117.0090, 12.8136, -49.9969.



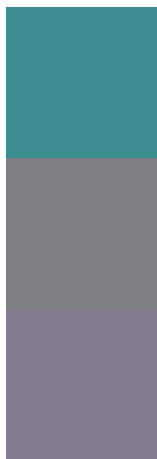
This preview shows how white text looks on a background with the YUV color 117.0090, 12.8136, -49.9969.

-49.9969.

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

117.0090, 12.8136, -49.9969

Protanopia

129.0970, 2.9102, -0.0851

Deuteranopia

129.4870, 8.1409, 2.2039



Tritanopia

118.2310, 16.1551, -48.4376

Trichromacy



Original Color

117.0090, 12.8136, -49.9969

Protanomaly

124.8990, 6.4588, -18.3284

Deuteranomaly

125.1210, 9.8003, -16.7691

Tritanomaly

117.5900, 14.9921, -48.7524

Monochromacy



Original Color

117.0090, 12.8136, -49.9969

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.0300, 4.4222, -18.4433

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.0090, 12.8136, -49.9969 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(60, 141, 143)` looks like.

```
.text, #text, p{  
    color:rgb(60, 141, 143)  
}
```

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(60, 141, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 141, 143) }
```

Border

The CSS property to change the border of an element to YUV 117.0090, 12.8136, -49.9969 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(60, 141, 143) }
```


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

```
.border{ border-color:rgb(60, 141, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 141, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 141, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 141, 143);  
box-shadow:4px 4px 4px 4px rgb(60, 141,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 117.0090, 12.8136, -49.9969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 141, 143) }
```

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

```
.background{ background-color: rgb(60, 141,  
143) }
```

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