

Converting Colors

YUV(117.9150, 2.0139,
-39.3905)

Have a look what the booklet for
YUV(117.9150, 2.0139, -39.3905)
contains.

YUV(117.9150, 2.0139, -39.3905)	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(117.9150, 2.0139,
-39.3905)**

Conversions

Conversions Part 1

Format	Color
Hex	498C7A
RGB	73, 140, 122
RGB Percent	29%, 55%, 48%
CMY	0.7137, 0.4510, 0.5216
CMYK	0.48, 0.00, 0.13, 0.45
HSL	164°, 31%, 42%
HSV	164°, 48%, 55%
XYZ	15.6386, 21.5778, 21.7530
YIQ	117.9150, -34.1540, -19.8020

Conversions

Conversions Part 2

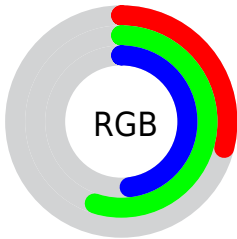
Format	Color
R_{YB}	73, 112, 140
Decimal	4820090
CIE _{Lab}	53.58, -25.91, 3.04
CIE _{LCh}	54, 26.092, 173.309
Yxy	21.5778, 0.2652, 0.3659
Android (android.graphics.Color)	4283010170 (0xFF498C7A)
YUV	117.9150, 2.0139, -39.3905
Hunter-Lab	46.4519, -21.1966, 4.7513

Details

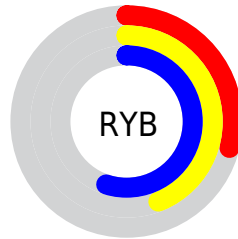
The YUV color **117.9150, 2.0139, -39.3905** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **95.0850, -2.0139, 39.3905**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.3880, 1.2877, -39.8053**, and **65.3490, 3.7719, -43.2791** is the 20% darker color. If you saturate the color by 10%, you get **113.2730, 2.3304, -47.5974**, and if you desaturate by 10%, it is **122.5570, 1.6974, -31.1835**.

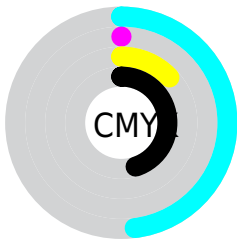
Distribution



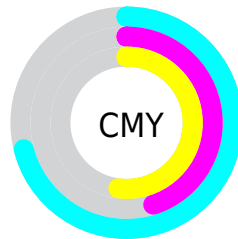
- Red (29%)
- Green (55%)
- Blue (48%)



- Red (29%)
- Yellow (44%)
- Blue (55%)



- Cyan (48%)
- Magenta (0%)
- Yellow (13%)
- Black (45%)



- Cyan (71%)
- Magenta (45%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.9150, 2.0139, -39.3905 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 117.9150, 2.0139, -39.3905 by changing the saturation by 10% instead.

■ 117.9150, 2.0139,
-39.3905

■ 117.9150, 2.0139,
-39.3905

■ 255.0000, 0.0000,
0.0000

■ 91.7300, 2.5981,
-40.1052

■ 171.3880, 1.2877,
-39.8053

■ 65.3490, 3.7719,
-43.2791

■ 199.0890, 1.4351,
-40.4201

■ 44.5560, 3.1769,
-39.0756

■ 227.6760, 1.1457,
-40.9349

■ 28.6610, 0.6601,
-25.1357

■ 241.2460, 6.7807,
-28.2797

■ 12.8970, -3.8932,
-11.3107

■ 249.9170, 2.5059,
-10.4512

■ 0.0000, 0.0000,
0.0000

■ 117.9150, 2.0139,
-39.3905

■ 117.9150, 2.0139,
-39.3905

■ 113.2730, 2.3304,
-47.5974

■ 122.5570, 1.6974,
-31.1835

■ 108.6310, 2.6469,
-55.8044

■ 127.1990, 1.3809,
-22.9765

■ 104.1030, 3.4002,
-64.1113

■ 131.7270, 0.6276,
-14.6696

■ 99.4610, 3.7167,
-72.3183

■ 136.3690, 0.3111,
-6.4626

■ 94.8190, 4.0332,
-80.5253

■ 141.0110, -0.0054,
1.7444

■ 93.8080, 4.0387,
-82.2696

■ 145.6530, -0.3219,
9.9513

■ 150.1810, -1.0752,
18.2583

■ 154.8230, -1.3917,

26.4652

■ 159.4650, -1.7082,
34.6722

Harmonies

Analogous

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



121.7190, -10.7075, -19.0476



117.9150, 2.0139, -39.3905



114.5570, 15.0084, -53.9855

Triad

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



117.9150, 2.0139, -39.3905



129.1300, 19.6559, -4.4990



128.6160, -17.5587, 31.9088

Complementary

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



117.9150, 2.0139, -39.3905



95.0850, -2.0139, 39.3905

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.



130.1250, -9.4286, 37.6014



117.9150, 2.0139, -39.3905



131.2100, 11.7285, 18.2328

Square

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



117.9150, 2.0139, -39.3905



124.0020, 23.6630, -29.8198



130.9640, 1.4967, 33.3576



127.0890, -21.7359, 18.3389

Rectangle

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



117.9150, 2.0139, -39.3905



115.7510, 20.8288, -54.1556



130.9640, 1.4967, 33.3576



129.2080, -15.3855, 34.8976

Sweetspot

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



117.9150, 2.0139, -39.3905



172.7270, 0.6276, -14.6696



118.0100, -22.1899, -22.8108



86.7600, 0.6113, -9.4365



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



117.9150, 2.0139, -39.3905



147.0110, 2.9526, -60.5226



111.1620, 14.2171, -33.4681



66.6790, 0.1583, -4.1035



89.1290, 3.8804, -78.1661



3.3910, 0.3002, -2.9739

Inverse Universe

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



95.0850, -2.0139, 39.3905



111.9890, -2.9526, 60.5226



101.8380, -14.2171, 33.4681



64.3210, -0.1583, 4.1035



43.8710, -3.8804, 78.1661



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 117.9150, 2.0139, -39.3905 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 117.9150, 2.0139, -39.3905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

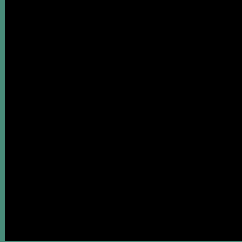
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.9150, 2.0139, -39.3905

Background



This preview shows how black text looks on a background with the YUV color 117.9150, 2.0139, -39.3905.



This preview shows how white text looks on a background with the YUV color 117.9150, 2.0139,

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

117.9150, 2.0139, -39.3905

Protanopia

127.1270, -5.9786, 4.2736

Deuteranopia

128.4250, -1.1955, 10.1513



Tritanopia

120.5100, 13.0596, -35.5273

Trichromacy



Original Color

117.9150, 2.0139, -39.3905

Protanomaly

124.1250, -3.0196, -11.5106

Deuteranomaly

124.6570, 0.1691, -7.5922

Tritanomaly

119.1740, 9.2812, -36.9866

Monochromacy



Original Color

117.9150, 2.0139, -39.3905

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.0260, 0.4802, -14.0548

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.9150, 2.0139, -39.3905 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(73, 140, 122)` looks like.

```
.text, #text, p{  
    color:rgb(73, 140, 122)  
}
```

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(73, 140, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 140, 122) }
```

Border

The CSS property to change the border of an element to YUV 117.9150, 2.0139, -39.3905 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(73, 140, 122) }
```


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

```
.border{ border-color:rgb(73, 140, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 140, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 140, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 140, 122);  
box-shadow:4px 4px 4px 4px rgb(73, 140,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 117.9150, 2.0139, -39.3905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 140, 122) }
```

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

```
.background{ background-color: rgb(73, 140,  
122) }
```

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