

Converting Colors

YUV(119.7270, 10.4876,
-50.6266)

Have a look what the booklet for
YUV(119.7270, 10.4876, -50.6266)
contains.

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Color

**YUV(119.7270, 10.4876,
-50.6266)**

Conversions

Conversions Part 1

Format	Color
Hex	3E918D
RGB	62, 145, 141
RGB Percent	24%, 57%, 55%
CMY	0.7569, 0.4314, 0.4471
CMYK	0.57, 0.00, 0.03, 0.43
HSL	177°, 40%, 41%
HSV	177°, 57%, 57%
XYZ	16.9197, 23.1980, 28.7852
YIQ	119.7270, -48.1840, -18.8400

Conversions

Conversions Part 2

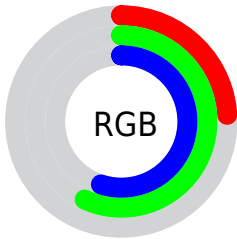
Format	Color
R_{YB}	62, 105, 145
Decimal	4100493
CIE _{Lab}	55.28, -25.95, -5.47
CIE _{LCh}	55, 26.525, 191.905
Yxy	23.1980, 0.2456, 0.3367
Android (android.graphics.Color)	4282290573 (0xFF3E918D)
YUV	119.7270, 10.4876, -50.6266
Hunter-Lab	48.1643, -21.5820, -1.7194

Details

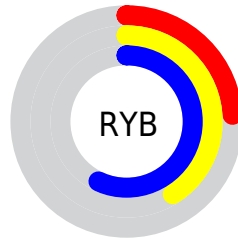
The YUV color **119.7270, 10.4876, -50.6266** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **87.2730, -10.4876, 50.6266**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.3250, 10.1928, -49.3970**, and **65.5520, 12.5459, -57.4891** is the 20% darker color. If you saturate the color by 10%, you get **115.1280, 12.2619, -59.7483**, and if you desaturate by 10%, it is **124.3260, 8.7133, -41.5049**.

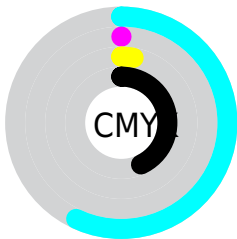
Distribution



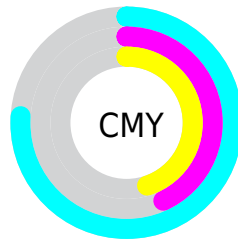
- Red (24%)
- Green (57%)
- Blue (55%)



- Red (24%)
- Yellow (41%)
- Blue (57%)



- Cyan (57%)
- Magenta (0%)
- Yellow (3%)
- Black (43%)



- Cyan (76%)
- Magenta (43%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.7270, 10.4876, -50.6266 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 119.7270, 10.4876, -50.6266 by changing the saturation by 10% instead.

■ 119.7270, 10.4876,
-50.6266

■ 119.7270, 10.4876,
-50.6266

■ 255.0000, 0.0000,
0.0000

■ 91.9330, 11.3720,
-54.3152

■ 174.3250, 10.1928,
-49.3970

■ 65.5520, 12.5459,
-57.4891

■ 202.2110, 9.7560,
-49.2970

■ 48.8420, 9.4449,
-42.8344

■ 230.3250, 10.1928,
-49.3970

■ 32.7190, 6.0545,
-28.6946

■ 239.4520, 7.6652,
-31.9684

■ 19.2860, 2.8170,
-16.9138

■ 248.1230, 3.3904,
-14.1399

■ 0.0000, 0.0000,
0.0000

■ 119.7270, 10.4876,
-50.6266

■ 119.7270, 10.4876,
-50.6266

■ 115.1280, 12.2619,
-59.7483

■ 124.3260, 8.7133,
-41.5049

■ 110.9420, 14.3256,
-68.3551

■ 128.5120, 6.6496,
-32.8980

■ 106.6420, 15.9525,
-76.8620

■ 133.1110, 4.8753,
-23.7763

■ 102.0430, 17.7268,
-85.9837

■ 137.4110, 3.2484,
-15.2694

■ 100.8470, 18.3164,
-88.4428

■ 141.8960, 1.0373,
-6.0478

■ 146.1960, -0.5896,
2.4591

■ 150.7950, -2.3639,
11.5808

■ 155.0950, -3.9908,

20.0877

■ 159.5800, -6.2019,
29.3093

Harmonies

Analogous

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



123.5800, -3.2439, -32.9577



119.7270, 10.4876, -50.6266



119.1530, 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.



119.7270, 10.4876, -50.6266



135.1920, 15.6813, 10.3556



131.9480, -21.1734, 24.6016

Complementary

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



119.7270, 10.4876, -50.6266



87.2730, -10.4876, 50.6266

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.



133.6210, -15.0962, 35.4124



119.7270, 10.4876, -50.6266



135.9680, 5.4388, 28.9691

Square

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



119.7270, 10.4876, -50.6266



131.4600, 22.4512, -14.4354



134.8630, -5.3555, 37.8311



130.1370, -21.2665, 7.7729

Rectangle

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



119.7270, 10.4876, -50.6266



122.7180, 24.2960, -46.2337



134.8630, -5.3555, 37.8311



132.9100, -20.1686, 29.0199

Sweetspot

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



119.7270, 10.4876, -50.6266



179.2040, 3.8434, -19.4729



111.9170, -24.6091, -40.2692



88.2050, 2.3639, -11.5808



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.



119.7270, 10.4876, -50.6266



149.0330, 16.2527, -79.8359



98.4640, 22.9422, -31.9789



68.9070, 1.0318, -4.3034



93.9510, 17.2792, -82.3950



5.4940, 0.7425, -4.8182

Inverse Universe

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



87.2730, -10.4876, 50.6266



97.9670, -16.2527, 79.8359



108.5360, -22.9422, 31.9789



66.2070, -0.5951, 4.2035



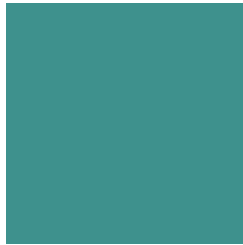
41.1630, -16.8424, 82.2950



2.3920, -1.1793, 4.9182

Previews

White Background



This preview shows how the YUV color 119.7270, 10.4876, -50.6266 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 119.7270, 10.4876, -50.6266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

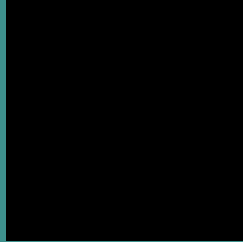
Any Text WCAG AA ✓ Pass

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 119.7270, 10.4876, -50.6266 Background



This preview shows how black text looks on a background with the YUV color 119.7270, 10.4876, -50.6266.



This preview shows how white text looks on a background with the YUV color 119.7270, 10.4876, -50.6266.

-50.6266.

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

119.7270, 10.4876, -50.6266

Protanopia

132.1250, 0.4314, 1.6444

Deuteranopia

132.9280, 5.9515, 4.4481



Tritanopia

121.6440, 16.4445, -47.9228

Trichromacy



Original Color

119.7270, 10.4876, -50.6266

Protanomaly

127.6280, 4.1274, -17.2138

Deuteranomaly

127.9640, 7.9057, -15.7544

Tritanomaly

121.0630, 14.2659, -49.1673

Monochromacy



Original Color

119.7270, 10.4876, -50.6266

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.9160, 3.9854, -18.3433

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.7270, 10.4876, -50.6266 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(62, 145, 141)` looks like.

```
.text, #text, p{  
    color:rgb(62, 145, 141)  
}
```

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(62, 145, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 145, 141) }
```

Border

The CSS property to change the border of an element to YUV 119.7270, 10.4876, -50.6266 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(62, 145, 141) }
```


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

```
.border{ border-color:rgb(62, 145, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 145, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 145, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 145, 141);  
box-shadow:4px 4px 4px 4px rgb(62, 145,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 119.7270, 10.4876, -50.6266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 145, 141) }
```

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

```
.background{ background-color: rgb(62, 145,  
141) }
```

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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