

Converting Colors

YUV(119.6870, -2.3107,
-52.3455)

Have a look what the booklet for
YUV(119.6870, -2.3107, -52.3455)
contains.

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Color

**YUV(119.6870, -2.3107,
-52.3455)**

Conversions

Conversions Part 1

Format	Color
Hex	3C9773
RGB	60, 151, 115
RGB Percent	24%, 59%, 45%
CMY	0.7647, 0.4078, 0.5490
CMYK	0.60, 0.00, 0.24, 0.41
HSL	156°, 43%, 41%
HSV	156°, 60%, 59%
XYZ	16.0246, 24.3317, 20.0716
YIQ	119.6870, -42.6800, -30.4880

Conversions

Conversions Part 2

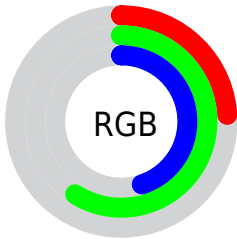
Format	Color
RYB	60, 117, 151
Decimal	3970931
CIELab	56.42, -35.93, 11.03
CIELCh	56, 37.586, 162.928
Yxy	24.3317, 0.2652, 0.4027
Android (android.graphics.Color)	4282161011 (0xFF3C9773)
YUV	119.6870, -2.3107, -52.3455
Hunter-Lab	49.3272, -28.3344, 10.4035

Details

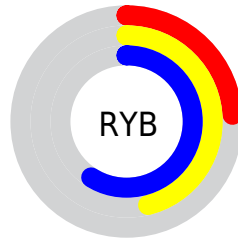
The YUV color **119.6870, -2.3107, -52.3455** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **91.3130, 2.3107, 52.3455**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.6440, -3.7685, -51.4308**, and **65.7510, 0.6158, -57.6636** is the 20% darker color. If you saturate the color by 10%, you get **114.5180, -2.7204, -60.9673**, and if you desaturate by 10%, it is **124.8560, -1.9010, -43.7237**.

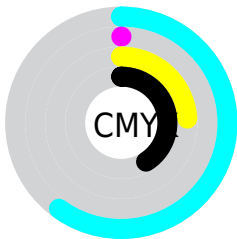
Distribution



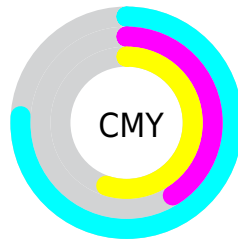
- Red (24%)
- Green (59%)
- Blue (45%)



- Red (24%)
- Yellow (46%)
- Blue (59%)



- Cyan (60%)
- Magenta (0%)
- Yellow (24%)
- Black (41%)



- Cyan (76%)
- Magenta (41%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.6870, -2.3107, -52.3455 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 119.6870, -2.3107, -52.3455 by changing the saturation by 10% instead.

■ 119.6870, -2.3107,
-52.3455

■ 119.6870, -2.3107,
-52.3455

■ 255.0000, 0.0000,
0.0000

■ 92.0070, -0.9895,
-56.1341

■ 174.6440, -3.7685,
-51.4308

■ 65.7510, 0.6158,
-57.6636

■ 202.5300, -4.2053,
-51.3308

■ 49.1550, -2.0484,
-43.1089

■ 226.4210, -2.1796,
-47.7272

■ 32.6730, -4.2758,
-28.6542

■ 238.0990, 6.3602,
-33.4128

■ 17.6100, -8.6817,
-15.4440

■ 247.2260, 3.8326,
-15.9842

■ 0.0000, 0.0000,
0.0000

■ 119.6870, -2.3107,
-52.3455

■ 119.6870, -2.3107,
-52.3455

■ 114.5180, -2.7204,
-60.9673

■ 124.8560, -1.9010,
-43.7237

■ 109.3490, -3.1301,
-69.5891

■ 130.0250, -1.4913,
-35.1019

■ 104.1800, -3.5397,
-78.2109

■ 135.1940, -1.0816,
-26.4801

■ 99.0110, -3.9494,
-86.8326

■ 140.3630, -0.6720,
-17.8584

■ 145.8310, -0.4097,
-8.6218

■ 151.0000, 0.0000,
0.0000

■ 156.1690, 0.4097,
8.6218

■ 161.3380, 0.8194,

17.2436

■ 166.5070, 1.2290,
25.8654

Harmonies

Analogous

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



127.2000, -20.3116, -18.5924



119.6870, -2.3107, -52.3455



106.2100, 21.0955, -93.1462

Triad

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



119.6870, -2.3107, -52.3455



133.9350, 32.0770, -21.8680



135.9880, -21.6861, 49.1225

Complementary

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



119.6870, -2.3107, -52.3455



91.3130, 2.3107, 52.3455

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.



137.0930, -7.4408, 53.4154



119.6870, -2.3107, -52.3455



138.8320, 21.7748, 15.9333

Square

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



119.6870, -2.3107, -52.3455



117.4510, 39.2177, -72.3095



138.7400, 8.0162, 42.3240



134.2990, -30.2204, 33.0638

Rectangle

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



119.6870, -2.3107, -52.3455



108.0170, 30.5576, -94.7309



138.7400, 8.0162, 42.3240



136.4490, -17.4764, 52.2262

Sweetspot

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



119.6870, -2.3107, -52.3455



183.9390, -0.9559, -20.1175



124.1810, -31.6412, -24.7147



91.8090, -0.3988, -12.1105



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



119.6870, -2.3107, -52.3455



147.4570, -3.6763, -81.0848



118.5080, 16.0186, -51.3115



74.1520, -0.5679, -4.5183



91.8700, -3.3869, -80.5700



8.5430, -0.2677, -7.4922

Inverse Universe

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



91.3130, 2.3107, 52.3455



103.5430, 3.6763, 81.0848



92.4920, -16.0186, 51.3115



71.7340, 0.1311, 4.6183



48.1300, 3.3869, 80.5700



4.4570, 0.2677, 7.4922

Previews

White Background



This preview shows how the YUV color 119.6870, -2.3107, -52.3455 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 119.6870, -2.3107, -52.3455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

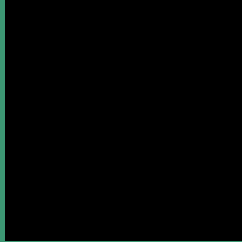
Any Text WCAG AA ✓ Pass

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 119.6870, -2.3107, -52.3455 Background



This preview shows how black text looks on a background with the YUV color 119.6870, -2.3107, -52.3455.



This preview shows how white text looks on a background with the YUV color 119.6870, -2.3107,

-52.3455.

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

119.6870, -2.3107, -52.3455

Protanopia

133.6130, -13.1202, 8.2324

Deuteranopia

135.7370, -7.7583, 15.1397



Tritanopia

125.1390, 15.7075, -44.8489

Trichromacy



Original Color

119.6870, -2.3107, -52.3455

Protanomaly

128.5070, -9.1240, -13.5996

Deuteranomaly

130.0390, -5.9352, -9.6812

Tritanomaly

123.1080, 9.3138, -47.4527

Monochromacy



Original Color

119.6870, -2.3107, -52.3455

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.6510, -0.8139, -18.9879

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.6870, -2.3107, -52.3455 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, 151, 115)` looks like.

```
.text, #text, p{  
    color:rgb(60, 151, 115)  
}
```

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, 151, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 151, 115) }
```

Border

The CSS property to change the border of an element to YUV 119.6870, -2.3107, -52.3455 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, 151, 115) }
```


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

```
.border{ border-color:rgb(60, 151, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 151, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 151, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 151, 115);  
box-shadow:4px 4px 4px 4px rgb(60, 151,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 119.6870, -2.3107, -52.3455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 151, 115) }
```

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

```
.background{ background-color: rgb(60, 151,  
115) }
```

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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