

Converting Colors

YUV(107.9670, 19.7363,
-77.1471)

Have a look what the booklet for
YUV(107.9670, 19.7363, -77.1471)
contains.

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Color

**YUV(107.9670, 19.7363,
-77.1471)**

Conversions

Conversions Part 1

Format	Color
Hex	149194
RGB	20, 145, 148
RGB Percent	8%, 57%, 58%
CMY	0.9216, 0.4314, 0.4196
CMYK	0.86, 0.02, 0.00, 0.42
HSL	181°, 76%, 33%
HSV	181°, 86%, 58%
XYZ	15.7592, 22.5376, 31.5366
YIQ	107.9670, -75.4630, -25.5670

Conversions

Conversions Part 2

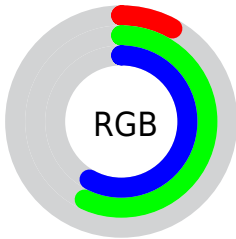
Format	Color
R_{YB}	20, 83, 148
Decimal	1347988
CIE _{Lab}	54.59, -29.59, -10.62
CIE _{LCh}	55, 31.441, 199.732
Yxy	22.5376, 0.2257, 0.3227
Android (android.graphics.Color)	4279538068 (0xFF149194)
YUV	107.9670, 19.7363, -77.1471
Hunter-Lab	47.4738, -23.8252, -6.1543

Details

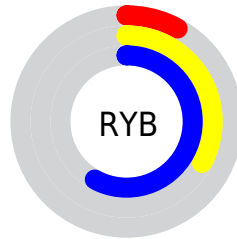
The YUV color **107.9670, 19.7363, -77.1471** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **60.0330, -19.7363, 77.1471**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.9470, 16.7881, -64.8515**, and **66.2360, 15.1667, -58.0890** is the 20% darker color. If you saturate the color by 10%, you get **103.4820, 21.9474, -86.3687**, and if you desaturate by 10%, it is **112.4520, 17.5252, -67.9254**.

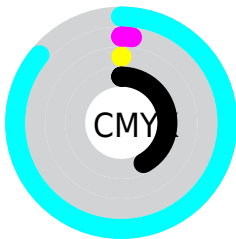
Distribution



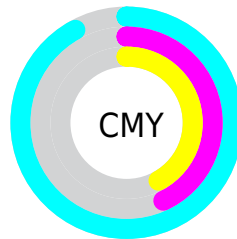
- Red (8%)
- Green (57%)
- Blue (58%)



- Red (8%)
- Yellow (33%)
- Blue (58%)



- Cyan (86%)
- Magenta (2%)
- Yellow (0%)
- Black (42%)



- Cyan (92%)
- Magenta (43%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.9670, 19.7363, -77.1471 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 107.9670, 19.7363, -77.1471 by changing the saturation by 10% instead.

107.9670, 19.7363,
-77.1471

107.9670, 19.7363,
-77.1471

255.0000, 0.0000,
0.0000

83.7610, 18.8518,
-73.4584

167.9470, 16.7881,
-64.8515

66.2360, 15.1667,
-58.0890

196.8330, 16.3513,
-64.7515

49.5260, 12.0657,
-43.4343

224.5020, 15.0355,
-62.7073

33.4030, 8.6753,
-29.2944

233.1730, 10.7607,
-44.8787

18.6820, 5.5798,
-16.3841

241.8440, 6.4859,
-27.0502

0.3420, 1.3104,
-0.2999

250.8140, 2.0637,

0.0000, 0.0000,

-8.6069

0.0000

■ 107.9670, 19.7363,
-77.1471

■ 107.9670, 19.7363,
-77.1471

■ 103.4820, 21.9474,
-86.3687

■ 112.4520, 17.5252,
-67.9254

■ 101.9870, 22.6844,
-89.4426

■ 117.5240, 15.0247,
-59.2185

■ 121.7100, 12.9610,
-50.6117

■ 126.1950, 10.7499,
-41.3900

■ 131.2670, 8.2494,
-32.6832

■ 135.7520, 6.0383,
-23.4615

■ 140.2370, 3.8272,
-14.2398

■ 145.0100, 1.4741,
-6.1478

■ 149.4950, -0.7370,
3.0739

Harmonies

Analogous

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



117.9310, 1.0200, -47.2975



107.9670, 19.7363, -77.1471



109.4260, 30.3560, -76.6726

Triad

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



107.9670, 19.7363, -77.1471



134.2470, 15.6542, 19.0774



129.6830, -25.9727, 23.9570

Complementary

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



107.9670, 19.7363, -77.1471



60.0330, -19.7363, 77.1471

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.



130.9760, -20.2012, 39.4860



107.9670, 19.7363, -77.1471



133.5670, 3.6645, 38.0907

Square

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



107.9670, 19.7363, -77.1471



131.1770, 25.0557, -9.8022



132.5820, -9.1609, 45.0936



127.1210, -23.7237, 2.5249

Rectangle

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



107.9670, 19.7363, -77.1471



119.2700, 30.4329, -54.6108



132.5820, -9.1609, 45.0936



130.3570, -24.8260, 29.5049

Sweetspot

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



107.9670, 19.7363, -77.1471



175.7620, 7.5123, -29.6093



95.3640, -36.1685, -66.0942



87.4430, 4.7116, -17.9285



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



107.9670, 19.7363, -77.1471



131.5430, 29.3123, -115.3632



70.9860, 37.9679, -44.7147



71.9070, 1.0318, -4.3034



94.3900, 21.4997, -82.7800



7.0100, 1.4741, -6.1478

Inverse Universe

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



72.5220, 35.7317, 66.1942



78.4270, 53.5265, 98.7265



97.0140, -37.9679, 44.7147



69.8910, 2.0257, 3.6036



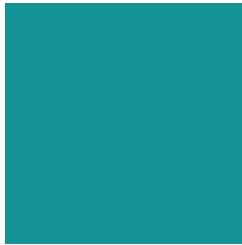
56.5380, 38.1888, 71.4422



4.1300, 2.8939, 5.1480

Previews

White Background



This preview shows how the YUV color 107.9670, 19.7363, -77.1471 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 107.9670, 19.7363, -77.1471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

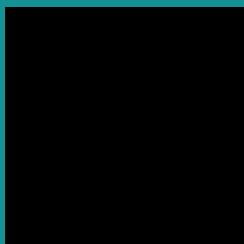
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

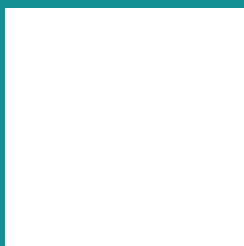
Any Text WCAG AAA × Fail

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

YUV 107.9670, 19.7363, -77.1471 Background



This preview shows how black text looks on a background with the YUV color 107.9670, 19.7363, -77.1471.



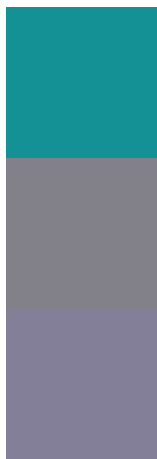
This preview shows how white text looks on a background with the YUV color 107.9670, 19.7363, -77.1471.

-77.1471.

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

107.9670, 19.7363, -77.1471

Protanopia

130.3250, 3.7838, -0.2850

Deuteranopia

131.3450, 10.1829, 0.5744



Tritanopia

111.2820, 22.0460, -71.2843

Trichromacy



Original Color

107.9670, 19.7363, -77.1471

Protanomaly

122.3430, 9.6909, -28.3648

Deuteranomaly

123.0810, 13.7641, -28.1350

Tritanomaly

109.7440, 21.3252, -73.4435

Monochromacy



Original Color

107.9670, 19.7363, -77.1471

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

107.7730, 7.5069, -27.8649

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.9670, 19.7363, -77.1471 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(20, 145, 148)` looks like.

```
.text, #text, p{  
    color:rgb(20, 145, 148)  
}
```

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(20, 145, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 145, 148) }
```

Border

The CSS property to change the border of an element to YUV 107.9670, 19.7363, -77.1471 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(20, 145, 148) }
```


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

```
.border{ border-color:rgb(20, 145, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 145, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 145, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 145, 148);  
box-shadow:4px 4px 4px 4px rgb(20, 145,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 107.9670, 19.7363, -77.1471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 145, 148) }
```

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

```
.background{ background-color: rgb(20, 145,  
148) }
```

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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