

Converting Colors

YUV(151.6770, 3.1172,
-19.8877)

Have a look what the booklet for
YUV(151.6770, 3.1172, -19.8877)
contains.

YUV(151.6770, 3.1172, -19.8877)	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(151.6770, 3.1172,
-19.8877)**

Conversions

Conversions Part 1

Format	Color
Hex	81A29E
RGB	129, 162, 158
RGB Percent	51%, 64%, 62%
CMY	0.4941, 0.3647, 0.3804
CMYK	0.20, 0.00, 0.02, 0.36
HSL	173°, 15%, 57%
HSV	173°, 20%, 64%
XYZ	28.1451, 32.9764, 37.2294
YIQ	151.6770, -18.3840, -8.2400

Conversions

Conversions Part 2

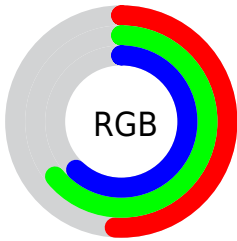
Format	Color
RYB	129, 147, 162
Decimal	8495774
CIELab	64.14, -12.17, -1.68
CIELCh	64, 12.287, 187.847
Yxy	32.9764, 0.2862, 0.3353
Android (android.graphics.Color)	4286685854 (0xFF81A29E)
YUV	151.6770, 3.1172, -19.8877
Hunter-Lab	57.4251, -13.0076, 1.7591

Details

The YUV color **151.6770, 3.1172, -19.8877** is a light color, and the websafe version is hex **669999**. A complement of this color would be **139.3230, -3.1172, 19.8877**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.0790, 3.4121, -21.1173**, and **100.3890, 3.2592, -18.7582** is the 20% darker color. If you saturate the color by 10%, you get **146.6650, 4.6022, -29.5242**, and if you desaturate by 10%, it is **156.6890, 1.6323, -10.2513**.

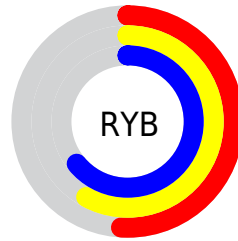
Distribution



Red (51%)

Green (64%)

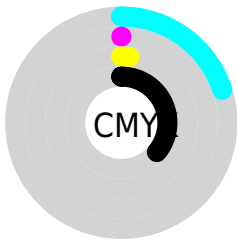
Blue (62%)



Red (51%)

Yellow (58%)

Blue (64%)

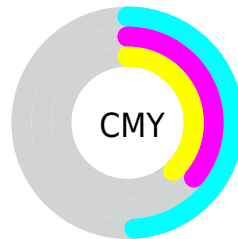


Cyan (20%)

Magenta (0%)

Yellow (2%)

Black (36%)



Cyan (49%)

Magenta (36%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.6770, 3.1172, -19.8877 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 151.6770, 3.1172, -19.8877 by changing the saturation by 10% instead.

■ 151.6770, 3.1172,
-19.8877

■ 151.6770, 3.1172,
-19.8877

■ 255.0000, 0.0000,
0.0000

■ 125.9760, 2.9698,
-19.2730

■ 206.0790, 3.4121,
-21.1173

■ 100.3890, 3.2592,
-18.7582

■ 234.0790, 3.4121,
-21.1173

■ 76.3890, 3.2592,
-18.7582

■ 250.2160, 2.3585,
-9.8364

■ 53.3890, 3.2592,
-18.7582

■ 31.0900, 3.4066,
-19.3729

■ 14.2650, 1.3484,
-12.5104

■ 0.0000, 0.0000,

0.0000

■ 151.6770, 3.1172,
-19.8877

■ 151.6770, 3.1172,
-19.8877

■ 146.6650, 4.6022,
-29.5242

■ 156.6890, 1.6323,
-10.2513

■ 141.6530, 6.0871,
-39.1607

■ 161.7010, 0.1474,
-0.6148

■ 136.3420, 7.7194,
-49.4119

■ 167.0120, -1.4849,
9.6365

■ 131.3300, 9.2043,
-59.0484

■ 172.0240, -2.9698,
19.2730

■ 126.3180, 10.6892,
-68.6849

■ 177.0360, -4.4547,
28.9094

■ 121.3060, 12.1741,
-78.3214

■ 182.0480, -5.9397,
38.5459

■ 116.2940, 13.6591,
-87.9578

■ 187.0600, -7.4246,
48.1824

■ 111.2820, 15.1440,
-97.5943

■ 191.1750, -8.4673,
55.9745

■ 191.4030, -7.5937,
55.7746

Harmonies

Analogous

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



152.2280, -2.5774, -13.3550



151.6770, 3.1172, -19.8877



151.9310, 7.9220, -20.9875

Triad

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



151.6770, 3.1172, -19.8877



157.0850, 7.8461, 3.4335



156.0420, -10.3737, 13.9952

Complementary

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



151.6770, 3.1172, -19.8877



139.3230, -3.1172, 19.8877

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.



156.8730, -7.3324, 18.5284



151.6770, 3.1172, -19.8877



157.5870, 3.1616, 12.6402

Square

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



151.6770, 3.1172, -19.8877



155.1160, 10.7888, -7.1177



157.5400, -2.2382, 17.9434



154.9870, -10.3466, 5.2734

Rectangle

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



151.6770, 3.1172, -19.8877



153.2240, 10.2426, -18.6134



157.5400, -2.2382, 17.9434



156.5800, -9.6529, 16.1543

Sweetspot

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



151.6770, 3.1172, -19.8877



207.8850, 1.0427, -7.7921



149.5670, -10.1395, -14.5293



104.7930, 0.5951, -4.2035



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



151.6770, 3.1172, -19.8877



195.9530, 4.4602, -30.6538



145.0890, 8.3371, -14.1101



79.1950, 0.8899, -5.4330



99.7070, 13.9484, -87.4430



12.3900, 1.7797, -10.8660

Inverse Universe

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



139.3230, -3.1172, 19.8877



176.9330, -4.8970, 30.7538



145.9110, -8.3371, 14.1101



75.8050, -0.8899, 5.4330



45.4070, -13.5117, 87.3431



5.6100, -1.7797, 10.8660

Previews

White Background



This preview shows how the YUV color 151.6770, 3.1172, -19.8877 looks on a white background.

Color Contrast Check

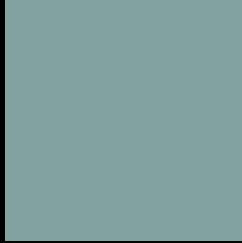
Large Text (above 18pt) WCAG AA × Fail

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 151.6770, 3.1172, -19.8877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

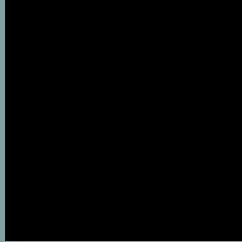
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 151.6770, 3.1172, -19.8877

Background



This preview shows how black text looks on a background with the YUV color 151.6770, 3.1172, -19.8877.



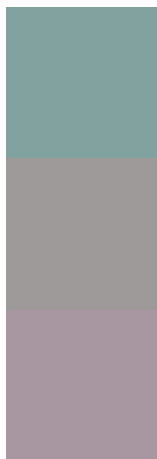
This preview shows how white text looks on a background with the YUV color 151.6770, 3.1172, -19.8877.

-19.8877.

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

151.6770, 3.1172, -19.8877

Protanopia

155.1960, -0.5896, 2.4591

Deuteranopia

156.5220, 1.7147, 10.0662



Tritanopia

153.1100, 9.8058, -18.5135

Trichromacy



Original Color

151.6770, 3.1172, -19.8877

Protanomaly

153.7820, 0.6005, -5.9478

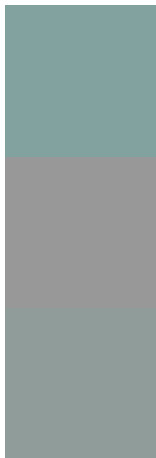
Deuteranomaly

154.5700, 2.1840, -0.4999

Tritanomaly

152.8280, 7.4798, -19.1432

Monochromacy



Original Color

151.6770, 3.1172, -19.8877

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

152.1840, 0.8953, -7.1774

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.6770, 3.1172, -19.8877 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(129, 162, 158)` looks like.

```
.text, #text, p{  
    color:rgb(129, 162, 158)  
}
```

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(129, 162, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 162, 158) }
```

Border

The CSS property to change the border of an element to YUV 151.6770, 3.1172, -19.8877 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(129, 162, 158) }
```


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

```
.border{ border-color:rgb(129, 162, 158) }
```

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

Here you see how a box with a 4 pixel rgb(129, 162, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 162, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 162, 158);  
box-shadow:4px 4px 4px 4px rgb(129, 162,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 151.6770, 3.1172, -19.8877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 162, 158) }
```

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

```
.background{ background-color: rgb(129,  
162, 158) }
```

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