

Converting Colors

YUV(159.1670, 16.6797,
-29.9645)

Have a look what the booklet for
YUV(159.1670, 16.6797, -29.9645)
contains.

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Color

**YUV(159.1670, 16.6797,
-29.9645)**

Conversions

Conversions Part 1

Format	Color
Hex	7DAAC1
RGB	125, 170, 193
RGB Percent	49%, 67%, 76%
CMY	0.5098, 0.3333, 0.2431
CMYK	0.35, 0.12, 0.00, 0.24
HSL	200°, 35%, 62%
HSV	200°, 35%, 76%
XYZ	32.4578, 36.9597, 55.8753
YIQ	159.1670, -34.2030, -2.3870

Conversions

Conversions Part 2

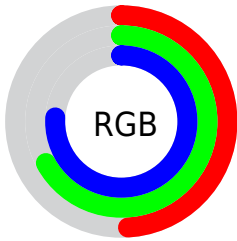
Format	Color
RYB	125, 152, 193
Decimal	8235713
CIELab	67.25, -9.34, -16.59
CIELCh	67, 19.039, 240.636
Yxy	36.9597, 0.2591, 0.2950
Android (android.graphics.Color)	4286425793 (0xFF7DAAC1)
YUV	159.1670, 16.6797, -29.9645
Hunter-Lab	60.7945, -11.0902, -11.9364

Details

The YUV color **159.1670, 16.6797, -29.9645** is a light color, and the websafe version is hex **669999**. A complement of this color would be **158.8330, -16.6797, 29.9645**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.2810, 17.1165, -30.0644**, and **106.9390, 15.8061, -29.7645** is the 20% darker color. If you saturate the color by 10%, you get **149.3770, 21.5061, -38.0416**, and if you desaturate by 10%, it is **168.9570, 11.8532, -21.8873**.

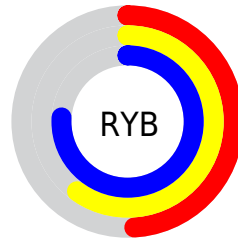
Distribution



Red (49%)

Green (67%)

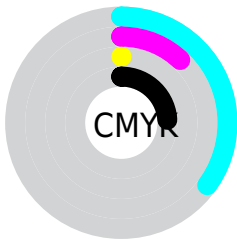
Blue (76%)



Red (49%)

Yellow (60%)

Blue (76%)

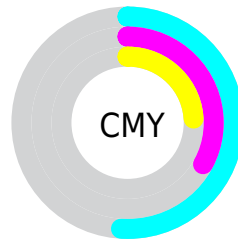


Cyan (35%)

Magenta (12%)

Yellow (0%)

Black (24%)



Cyan (51%)

Magenta (33%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.1670, 16.6797, -29.9645 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 159.1670, 16.6797, -29.9645 by changing the saturation by 10% instead.

■ 159.1670, 16.6797,
-29.9645

■ 159.1670, 16.6797,
-29.9645

255.0000, 0.0000,
0.0000

■ 133.0530, 16.2429,
-29.8645

■ 214.2810, 17.1165,
-30.0644

■ 106.9390, 15.8061,
-29.7645

■ 240.3600, 7.2175,
-28.3797

■ 81.6400, 15.9535,
-30.3793

■ 249.6180, 2.6533,
-11.0660

■ 56.3190, 16.1117,
-34.4828

■ 35.1130, 15.2273,
-30.7941

■ 20.8650, 11.4056,
-18.2986

■ 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 159.1670, 16.6797,
-29.9645

■ 159.1670, 16.6797,
-29.9645

■ 149.3770, 21.5061,
-38.0416

■ 168.9570, 11.8532,
-21.8873

■ 139.8750, 26.1906,
-47.2484

■ 178.4590, 7.1687,
-12.6805

■ 130.0850, 31.0171,
-55.3255

■ 188.2490, 2.3422,
-4.6034

■ 120.8820, 35.5542,
-63.9175

■ 197.4520, -2.1948,
3.9886

■ 110.7930, 40.5281,
-72.6095

■ 207.5410, -7.1687,
12.6805

■ 101.5900, 45.0651,
-81.2014

■ 216.7440,
-11.7058, 21.2725

■ 97.1380, 47.2600,
-85.1900

■ 225.0390,
-15.7952, 26.2758

■ 228.5610,
-17.5316, 23.1870

■ 232.6700,
-19.5573, 19.5834

Harmonies

Analogous

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



157.0540, 11.3124, -35.1274



159.1670, 16.6797, -29.9645



162.4830, 17.5099, -16.2096

Triad

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



159.1670, 16.6797, -29.9645



166.8230, -1.3917, 26.4652



161.1340, -13.3771, -2.7485

Complementary

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



159.1670, 16.6797, -29.9645



158.8330, -16.6797, 29.9645

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.



163.4240, -16.4780, 11.9062



159.1670, 16.6797, -29.9645



166.0700, -9.4015, 28.8796

Square

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



159.1670, 16.6797, -29.9645



166.6460, 7.0765, 16.9735



164.5440, -15.0582, 23.2019



158.8700, -6.3449, -18.3030

Rectangle

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



159.1670, 16.6797, -29.9645



164.6910, 15.4353, -4.1140



164.5440, -15.0582, 23.2019



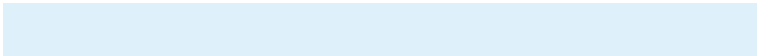
161.5260, -14.5563, 2.1697

Sweetspot

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



159.1670, 16.6797, -29.9645



236.3450, 6.7319, -12.5806



167.5380, -9.6322, -37.3058



116.6940, 4.0949, -6.7476



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



159.1670, 16.6797, -29.9645



197.4730, 25.8958, -46.0188



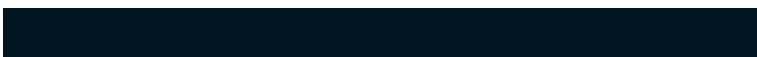
139.2090, 26.5190, -12.4613



92.2490, 2.3422, -4.6034



80.5760, 39.6490, -70.6652



16.6760, 8.0477, -14.6249

Inverse Universe

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



150.4620, 9.6322, 37.3058



184.2610, 14.6613, 57.6531



178.7910, -26.5190, 12.4613



90.7880, 1.5835, 5.4479



60.2230, 22.5681, 88.3814



12.3750, 4.7451, 18.0881

Previews

White Background



This preview shows how the YUV color 159.1670, 16.6797, -29.9645 looks on a white background.

Color Contrast Check

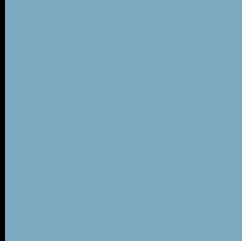
Large Text (above 18pt) WCAG AA × Fail

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 159.1670, 16.6797, -29.9645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

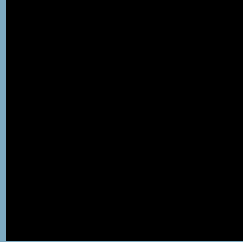
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

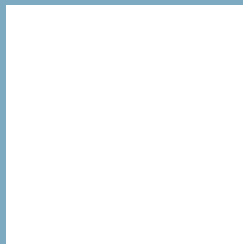
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 159.1670, 16.6797, -29.9645

Background



This preview shows how black text looks on a background with the YUV color 159.1670, 16.6797, -29.9645.



This preview shows how white text looks on a background with the YUV color 159.1670, 16.6797, -29.9645.

-29.9645.

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

159.1670, 16.6797, -29.9645

Protanopia

164.0670, 11.7990, -4.4438

Deuteranopia

164.3000, 15.1351, -1.1401



Tritanopia

158.2440, 13.1907, -30.9090

Trichromacy



Original Color

159.1670, 16.6797, -29.9645

Protanomaly

162.4680, 13.5733, -13.5654

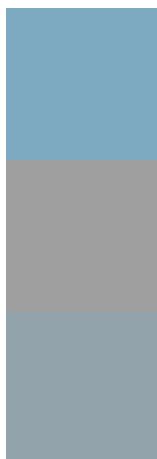
Deuteranomaly

162.3480, 15.6044, -11.7062

Tritanomaly

158.8850, 14.3537, -30.5941

Monochromacy



Original Color

159.1670, 16.6797, -29.9645

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.1280, 5.8529, -10.6363

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.1670, 16.6797, -29.9645 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(125, 170, 193)` looks like.

```
.text, #text, p{  
    color:rgb(125, 170, 193)  
}
```

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(125, 170, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 170, 193) }
```

Border

The CSS property to change the border of an element to YUV 159.1670, 16.6797, -29.9645 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

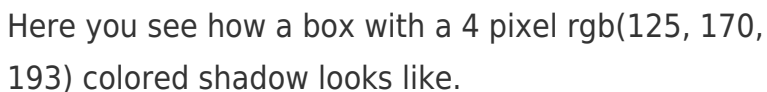
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(125, 170, 193) }
```


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

```
.border{ border-color:rgb(125, 170, 193) }
```

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



Here you see how a box with a 4 pixel `rgb(125, 170, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 170, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 170, 193); box-shadow:4px 4px 4px 4px rgb(125, 170, 193) }
```

Background

The CSS property to change the background color of an element to YUV 159.1670, 16.6797, -29.9645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 170, 193) }
```

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

```
.background{ background-color: rgb(125,  
170, 193) }
```

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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