

Converting Colors

YUV(158.8970, 16.3198,
-7.8027)

Have a look what the booklet for
YUV(158.8970, 16.3198, -7.8027)
contains.

YUV(158.8970, 16.3198, -7.8027)	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(158.8970, 16.3198,
-7.8027)**

Conversions

Conversions Part 1

Format	Color
Hex	969DC0
RGB	150, 157, 192
RGB Percent	59%, 62%, 75%
CMY	0.4118, 0.3843, 0.2471
CMYK	0.22, 0.18, 0.00, 0.25
HSL	230°, 25%, 67%
HSV	230°, 22%, 75%
XYZ	34.1491, 34.4037, 54.7099
YIQ	158.8970, -15.4070, 9.4010

Conversions

Conversions Part 2

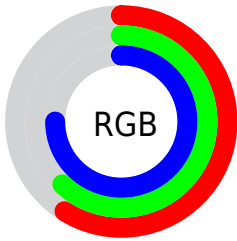
Format	Color
R_{YB}	150, 156, 192
Decimal	9870784
CIE _{Lab}	65.28, 5.10, -18.86
CIE _{LCh}	65, 19.537, 285.136
Yxy	34.4037, 0.2770, 0.2791
Android (android.graphics.Color)	4288060864 (0xFF969DC0)
YUV	158.8970, 16.3198, -7.8027
Hunter-Lab	58.6547, 1.2779, -14.2442

Details

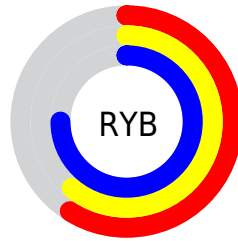
The YUV color **158.8970, 16.3198, -7.8027** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **183.1030, -16.3198, 7.8027**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.4240, 17.0460, -7.3878**, and **107.2560, 15.1568, -8.1175** is the 20% darker color. If you saturate the color by 10%, you get **143.8240, 23.7508, -11.2466**, and if you desaturate by 10%, it is **173.9700, 8.8888, -4.3587**.

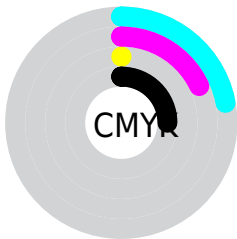
Distribution



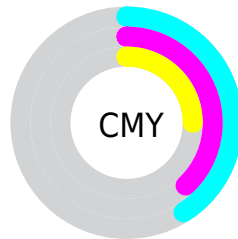
- Red (59%)
- Green (62%)
- Blue (75%)



- Red (59%)
- Yellow (61%)
- Blue (75%)



- Cyan (22%)
- Magenta (18%)
- Yellow (0%)
- Black (25%)



- Cyan (41%)
- Magenta (38%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.8970, 16.3198, -7.8027 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 158.8970, 16.3198, -7.8027 by changing the saturation by 10% instead.

■ 158.8970, 16.3198,
-7.8027

■ 158.8970, 16.3198,
-7.8027

255.0000, 0.0000,
0.0000

■ 132.7830, 15.8830,
-7.7027

■ 213.4240, 17.0460,
-7.3878

■ 107.2560, 15.1568,
-8.1175

■ 239.6170, 7.5838,
-5.8031

■ 83.1420, 14.7200,
-8.0175

■ 59.6150, 13.9938,
-8.4324

■ 37.2020, 13.7044,
-8.9472

■ 15.7890, 13.4150,
-9.4620

■ 3.0950, 9.3202,

-2.7143

■ 0.0000, 0.0000,
0.0000

■ 158.8970, 16.3198,
-7.8027

■ 158.8970, 16.3198,
-7.8027

■ 143.8240, 23.7508,
-11.2466

■ 173.9700, 8.8888,
-4.3587

■ 128.7510, 31.1818,
-14.6906

■ 189.0430, 1.4578,
-0.9147

■ 113.3790, 38.7602,
-18.7494

■ 204.4150, -6.1206,
3.1440

■ 98.3060, 46.1911,
-22.1934

■ 219.4880,
-13.5516, 6.5880

■ 83.2330, 53.6221,
-25.6373

■ 234.5610,
-20.9826, 10.0320

■ 68.1600, 61.0531,
-29.0813

■ 246.6440,
-26.9395, 7.3282

■ 53.0870, 68.4841,
-32.5253

■ 247.8180,
-27.5183, 6.2986

■ 40.6720, 74.6047,
-35.6693

Harmonies

Analogous

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



155.5420, 17.9738, -25.0313



158.8970, 16.3198, -7.8027



160.9270, 10.8820, 9.7110

Triad

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



158.8970, 16.3198, -7.8027



160.1470, -12.8905, 27.9351



152.6780, -1.8133, -25.1506

Complementary

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



158.8970, 16.3198, -7.8027



183.1030, -16.3198, 7.8027

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.



154.7740, -10.7346, -10.3258



158.8970, 16.3198, -7.8027



158.4680, -16.4997, 18.8836

Square

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



158.8970, 16.3198, -7.8027



161.1070, -5.4758, 29.7242



156.9070, -15.7302, 5.3436



151.7290, 7.5286, -34.8423

Rectangle

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



158.8970, 16.3198, -7.8027



161.7280, 6.0501, 19.5325



156.9070, -15.7302, 5.3436



153.2010, -5.0291, -20.3473

Sweetspot

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



158.8970, 16.3198, -7.8027



235.8130, 6.9942, -3.3440



178.6440, 3.1335, -25.1208



117.3140, 3.7892, -2.0294



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.



158.8970, 16.3198, -7.8027



198.8670, 25.2086, -12.1614



158.9740, 16.2818, 4.4078



89.3140, 3.7892, -2.0294



34.2030, 62.5109, -29.9960



7.2840, 12.6780, -6.3881

Inverse Universe

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



163.3560, -3.1335, 25.1208



205.6890, -4.7767, 38.8607



183.0260, -16.2818, -4.4078



90.2180, -0.6005, 5.9478



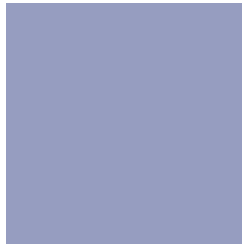
51.2170, -11.9390, 96.2797



10.5510, -2.2436, 19.6878

Previews

White Background



This preview shows how the YUV color 158.8970, 16.3198, -7.8027 looks on a white background.

Color Contrast Check

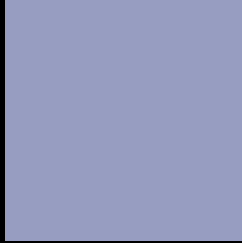
Large Text (above 18pt) WCAG AA × Fail

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 158.8970, 16.3198, -7.8027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

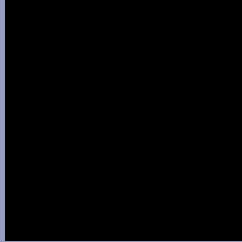
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.8970, 16.3198, -7.8027

Background



This preview shows how black text looks on a background with the YUV color 158.8970, 16.3198, -7.8027.



This preview shows how white text looks on a background with the YUV color 158.8970, 16.3198, -7.8027.

-7.8027.

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

158.8970, 16.3198, -7.8027

Protanopia

159.1960, 16.1724, -7.1879

Deuteranopia

159.8160, 15.8667, -2.4696



Tritanopia

157.2960, 7.7421, -9.9066

Trichromacy



Original Color

158.8970, 16.3198, -7.8027

Protanomaly

159.1960, 16.1724, -7.1879

Deuteranomaly

159.5060, 16.0195, -4.8288

Tritanomaly

157.8060, 10.9416, -9.4769

Monochromacy



Original Color

158.8970, 16.3198, -7.8027

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

158.8840, 5.9732, -2.5293

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.8970, 16.3198, -7.8027 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(150, 157, 192)` looks like.

```
.text, #text, p{  
    color:rgb(150, 157, 192)  
}
```

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(150, 157, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 157, 192) }
```

Border

The CSS property to change the border of an element to YUV 158.8970, 16.3198, -7.8027 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(150, 157, 192) }
```


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

```
.border{ border-color:rgb(150, 157, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 157, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 157, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 157, 192);  
box-shadow:4px 4px 4px 4px rgb(150, 157,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 158.8970, 16.3198, -7.8027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 157, 192) }
```

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

```
.background{ background-color: rgb(150,  
157, 192) }
```

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