

Converting Colors

YUV(118.4720, 3.7113,
-70.5739)

Have a look what the booklet for
YUV(118.4720, 3.7113, -70.5739)
contains.

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Color

**YUV(118.4720, 3.7113,
-70.5739)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 269E7E |
| RGB | 38, 158, 126 |
| RGB Percent | 15%, 62%, 49% |
| CMY | 0.8510, 0.3804, 0.5059 |
| CMYK | 0.76, 0.00, 0.20, 0.38 |
| HSL | 164°, 61%, 38% |
| HSV | 164°, 76%, 62% |
| XYZ | 16.7921, 26.3721, 23.9440 |
| YIQ | 118.4720, -61.2480, -35.3920 |

Conversions

Conversions Part 2

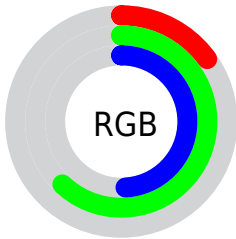
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 38, 107, 158 |
| Decimal | 2530942 |
| CIE _{Lab} | 58.39, -40.08, 7.54 |
| CIE _{LCh} | 58, 40.783, 169.350 |
| Yxy | 26.3721, 0.2502, 0.3930 |
| Android (android.graphics.Color) | 4280721022 (0xFF269E7E) |
| YUV | 118.4720, 3.7113, -70.5739 |
| Hunter-Lab | 51.3538, -31.5018, 8.3034 |

Details

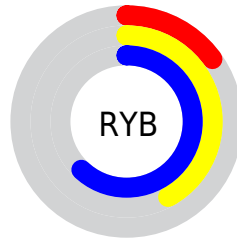
The YUV color **118.4720, 3.7113, -70.5739** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **77.5280, -3.7113, 70.5739**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.9350, 1.5110, -64.8410**, and **71.0000, 2.9580, -62.2670** is the 20% darker color. If you saturate the color by 10%, you get **113.2320, 4.3226, -80.0105**, and if you desaturate by 10%, it is **123.7120, 3.1000, -61.1374**.

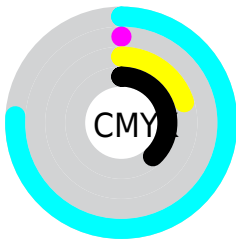
Distribution



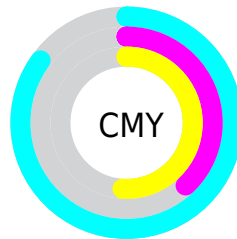
- Red (15%)
- Green (62%)
- Blue (49%)



- Red (15%)
- Yellow (42%)
- Blue (62%)



- Cyan (76%)
- Magenta (0%)
- Yellow (20%)
- Black (38%)



- Cyan (85%)
- Magenta (38%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YUV color 118.4720, 3.7113, -70.5739 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 118.4720, 3.7113, -70.5739 by changing the saturation by 10% instead.


 118.4720, 3.7113,
-70.5739


 118.4720, 3.7113,
-70.5739


255.0000, 0.0000,
0.0000


 88.4110, 6.2064,
-77.5364


 175.9350, 1.5110,
-64.8410

 71.0000, 2.9580,
-62.2670


 204.7070, 0.6374,
-64.6410


 53.7030, 0.1464,
-47.0975

 224.2010, 4.8309,
-56.3043

 37.2210, -2.0810,
-32.6428

 235.2660, 9.7289,
-40.5753

 22.3860, -5.6133,
-19.6325

 244.2360, 5.3067,
-22.1320

 0.0000, 0.0000,
0.0000

 253.2060, 0.8844,

-3.6887

■ 118.4720, 3.7113,
-70.5739

■ 118.4720, 3.7113,
-70.5739

■ 113.2320, 4.3226,
-80.0105

■ 123.7120, 3.1000,
-61.1374

■ 107.9920, 4.9339,
-89.4470

■ 128.9520, 2.4887,
-51.7009

■ 105.9700, 4.9448,
-92.9357

■ 134.0070, 2.4615,
-42.9791

■ 139.2470, 1.8502,
-33.5426

■ 144.4870, 1.2389,
-24.1061

■ 149.7270, 0.6276,
-14.6696

■ 154.9670, 0.0163,
-5.2331

■ 160.0220, -0.0108,
3.4887

■ 165.2620, -0.6222,
12.9252

Harmonies

Analogous

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



130.1880, -18.8267, -28.2289



118.4720, 3.7113, -70.5739



111.9150, 25.1849, -98.1495

Triad

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



118.4720, 3.7113, -70.5739



140.3210, 33.3657, -15.1905



140.2610, -25.7647, 50.6371

Complementary

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



118.4720, 3.7113, -70.5739



77.5280, -3.7113, 70.5739

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.



141.5020, -11.0935, 58.3187



118.4720, 3.7113, -70.5739



144.3600, 21.0215, 24.2403

Square

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



118.4720, 3.7113, -70.5739



124.5700, 42.1170, -68.9059



143.5130, 5.6631, 50.4161



138.2510, -34.1407, 30.4749

Rectangle

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



118.4720, 3.7113, -70.5739



113.2490, 35.3732, -99.3194



143.5130, 5.6631, 50.4161



140.4340, -21.4130, 54.8704

Sweetspot

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



118.4720, 3.7113, -70.5739



191.1660, 1.3972, -28.2096



118.0080, -39.4439, -42.1030



95.1180, 0.9278, -17.6435



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



118.4720, 3.7113, -70.5739



144.9740, 5.4358, -110.4792



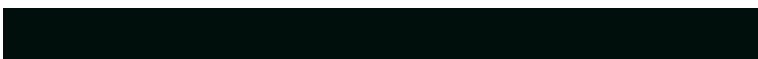
105.6840, 25.7918, -59.3589



76.3800, 0.3057, -4.7183



95.9110, 4.4809, -84.1139



10.0590, 0.4639, -8.8217

Inverse Universe

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



77.5280, -3.7113, 70.5739



80.9120, -5.8726, 110.5792



90.3160, -25.7918, 59.3589



73.6200, -0.3057, 4.7183



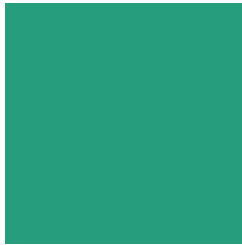
47.0890, -4.4809, 84.1139



4.9410, -0.4639, 8.8217

Previews

White Background



This preview shows how the YUV color 118.4720, 3.7113, -70.5739 looks on a white background.

Color Contrast Check

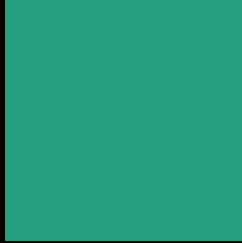
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.4720, 3.7113, -70.5739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

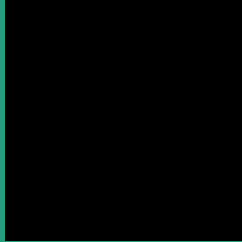
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 118.4720, 3.7113, -70.5739

Background



This preview shows how black text looks on a background with the YUV color 118.4720, 3.7113, -70.5739.



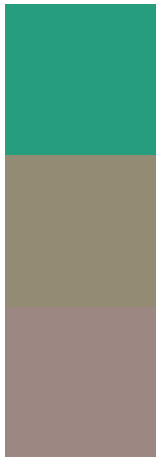
This preview shows how white text looks on a background with the YUV color 118.4720, 3.7113,

-70.5739.

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

118.4720, 3.7113, -70.5739

Protanopia

138.7700, -11.2256, 7.2177

Deuteranopia

140.8230, -4.8427, 13.3102



Tritanopia

126.2620, 19.0978, -58.9888

Trichromacy



Original Color

118.4720, 3.7113, -70.5739

Protanomaly

131.3750, -5.6079, -21.3769

Deuteranomaly

132.4340, -1.6930, -17.0436

Tritanomaly

123.4480, 13.5831, -63.5369

Monochromacy



Original Color

118.4720, 3.7113, -70.5739

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.4760, 1.2443, -25.8505

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.4720, 3.7113, -70.5739 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(38, 158, 126)` looks like.

```
.text, #text, p{  
    color:rgb(38, 158, 126)  
}
```

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(38, 158, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 158, 126) }
```

Border

The CSS property to change the border of an element to YUV 118.4720, 3.7113, -70.5739 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(38, 158, 126) }
```


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

```
.border{ border-color:rgb(38, 158, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 158, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 158, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 158, 126);  
box-shadow:4px 4px 4px 4px rgb(38, 158,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 118.4720, 3.7113, -70.5739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 158, 126) }
```

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

```
.background{ background-color: rgb(38, 158,  
126) }
```

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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