

Converting Colors

YUV(122.8070, 15.8711,
-50.6967)

Have a look what the booklet for
YUV(122.8070, 15.8711, -50.6967)
contains.

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Color

**YUV(122.8070, 15.8711,
-50.6967)**

Conversions

Conversions Part 1

Format	Color
Hex	41929B
RGB	65, 146, 155
RGB Percent	25%, 57%, 61%
CMY	0.7451, 0.4275, 0.3922
CMYK	0.58, 0.06, 0.00, 0.39
HSL	186°, 41%, 43%
HSV	186°, 58%, 61%
XYZ	18.3753, 24.0481, 34.6836
YIQ	122.8070, -51.1650, -14.3730

Conversions

Conversions Part 2

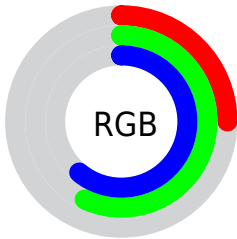
Format	Color
R _{YB}	65, 108, 155
Decimal	4297371
CIE Lab	56.14, -21.82, -12.22
CIE LCh	56, 25.005, 209.248
Yxy	24.0481, 0.2383, 0.3119
Android (android.graphics.Color)	4282487451 (0xFF41929B)
YUV	122.8070, 15.8711, -50.6967
Hunter-Lab	49.0389, -18.9328, -7.6067

Details

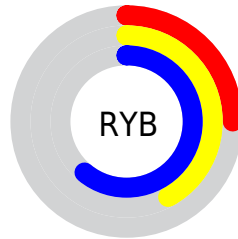
The YUV color **122.8070, 15.8711, -50.6967** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **97.1930, -15.8711, 50.6967**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.4050, 15.5763, -49.4672**, and **67.6210, 17.9348, -59.3036** is the 20% darker color. If you saturate the color by 10%, you get **116.8490, 18.8084, -59.5036**, and if you desaturate by 10%, it is **128.4660, 13.0813, -42.5047**.

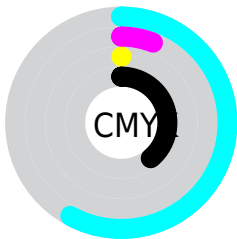
Distribution



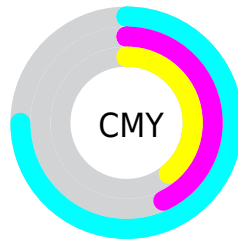
- Red (25%)
- Green (57%)
- Blue (61%)



- Red (25%)
- Yellow (42%)
- Blue (61%)



- Cyan (58%)
- Magenta (6%)
- Yellow (0%)
- Black (39%)



- Cyan (75%)
- Magenta (43%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.8070, 15.8711, -50.6967 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 122.8070, 15.8711, -50.6967 by changing the saturation by 10% instead.

122.8070, 15.8711,
-50.6967

122.8070, 15.8711,
-50.6967

255.0000, 0.0000,
0.0000

95.0130, 16.7556,
-54.3854

177.4050, 15.5763,
-49.4672

67.6210, 17.9348,
-59.3036

205.5190, 16.0131,
-49.5672

50.7970, 14.3971,
-44.5490

231.9770, 11.3503,
-47.3378

34.6740, 11.0067,
-30.4091

240.6480, 7.0755,
-29.5093

21.0130, 6.8956,
-18.4284

249.3190, 2.8007,
-11.6808

2.0690, 5.3890,
-1.8145

0.0000, 0.0000,

0.0000

■ 122.8070, 15.8711,
-50.6967

■ 122.8070, 15.8711,
-50.6967

■ 116.8490, 18.8084,
-59.5036

■ 128.4660, 13.0813,
-42.5047

■ 111.7770, 21.3089,
-68.2104

■ 133.8370, 10.4334,
-33.1830

■ 106.1180, 24.0988,
-76.4025

■ 139.4960, 7.6435,
-24.9910

■ 100.7470, 26.7467,
-85.7241

■ 144.8670, 4.9956,
-15.6694

■ 99.2630, 27.4783,
-87.0537

■ 150.5260, 2.2057,
-7.4773

■ 155.8970, -0.4422,
1.8443

■ 161.5560, -3.2321,
10.0364

■ 166.9270, -5.8800,
19.3580

■ 172.5860, -8.6699,
27.5501

Harmonies

Analogous

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



124.7730, 4.0559, -41.0199



122.8070, 15.8711, -50.6967



126.1590, 22.1066, -43.9894

Triad

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



122.8070, 15.8711, -50.6967



137.9500, 9.3917, 21.0919



133.2950, -20.8514, 14.6503

Complementary

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



122.8070, 15.8711, -50.6967



97.1930, -15.8711, 50.6967

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.



135.3660, -18.4214, 28.6200



122.8070, 15.8711, -50.6967



137.3940, -0.6872, 33.8575

Square

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



122.8070, 15.8711, -50.6967



136.2940, 17.6031, 0.6192



136.3590, -11.0230, 35.6422



131.0970, -17.3028, -3.5931

Rectangle

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



122.8070, 15.8711, -50.6967



130.1760, 23.0842, -30.8494



136.3590, -11.0230, 35.6422



134.3280, -20.8677, 19.8833

Sweetspot

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



122.8070, 15.8711, -50.6967



189.0730, 5.8800, -19.3580



118.8560, -22.1140, -47.2317



94.8460, 3.5269, -11.2659



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



122.8070, 15.8711, -50.6967



150.6230, 24.8359, -79.4764



96.3920, 28.8937, -27.5308



74.0210, 1.4686, -4.4034



89.9220, 24.6885, -78.8616



7.9390, 2.4951, -6.9625

Inverse Universe

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



101.1440, 22.1140, 47.2317



116.6370, 34.6890, 73.9864



123.6080, -28.8937, 27.5308



72.1900, 1.8783, 4.2184



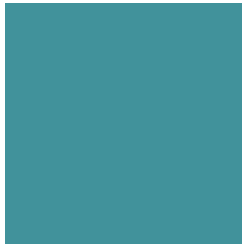
56.2240, 34.3996, 73.4716



5.1410, 2.8885, 6.8923

Previews

White Background



This preview shows how the YUV color 122.8070, 15.8711, -50.6967 looks on a white background.

Color Contrast Check

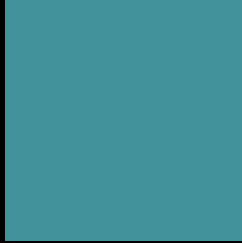
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.8070, 15.8711, -50.6967 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 122.8070, 15.8711, -50.6967 Background



This preview shows how black text looks on a background with the YUV color 122.8070, 15.8711, -50.6967.



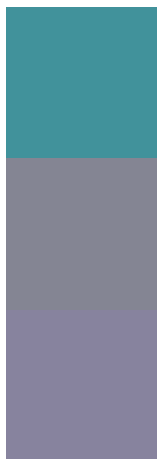
This preview shows how white text looks on a background with the YUV color 122.8070, 15.8711, -50.6967.

-50.6967.

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

122.8070, 15.8711, -50.6967

Protanopia

134.2970, 6.2626, -2.0145

Deuteranopia

135.2740, 11.2039, -0.2403



Tritanopia

123.3340, 16.5973, -50.2819

Trichromacy



Original Color

122.8070, 15.8711, -50.6967

Protanomaly

130.3980, 9.6638, -19.6430

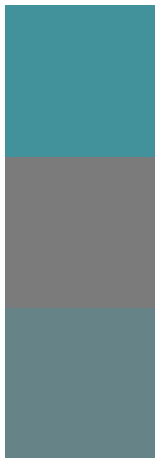
Deuteranomaly

130.6200, 13.0053, -18.0837

Tritanomaly

123.2200, 16.1605, -50.1819

Monochromacy



Original Color

122.8070, 15.8711, -50.6967

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.7850, 6.0220, -18.2284

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.8070, 15.8711, -50.6967 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(65, 146, 155)` looks like.

```
.text, #text, p{  
    color:rgb(65, 146, 155)  
}
```

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(65, 146, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 146, 155) }
```

Border

The CSS property to change the border of an element to YUV 122.8070, 15.8711, -50.6967 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(65, 146, 155) }
```


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

```
.border{ border-color:rgb(65, 146, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 146, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 146, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 146, 155);  
box-shadow:4px 4px 4px 4px rgb(65, 146,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 122.8070, 15.8711, -50.6967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 146, 155) }
```

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

```
.background{ background-color: rgb(65, 146,  
155) }
```

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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