

Converting Colors

YUV(123.6870, 14.4513,
-61.9925)

Have a look what the booklet for
YUV(123.6870, 14.4513, -61.9925)
contains.

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Color

**YUV(123.6870, 14.4513,
-61.9925)**

Conversions

Conversions Part 1

Format	Color
Hex	359A99
RGB	53, 154, 153
RGB Percent	21%, 60%, 60%
CMY	0.7922, 0.3961, 0.4000
CMYK	0.66, 0.00, 0.01, 0.40
HSL	179°, 49%, 41%
HSV	179°, 66%, 60%
XYZ	18.7736, 26.1680, 34.1984
YIQ	123.6870, -59.8750, -21.7230

Conversions

Conversions Part 2

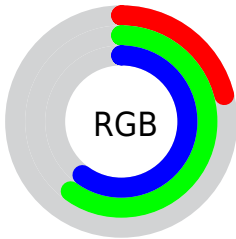
Format	Color
RYB	53, 104, 154
Decimal	3512985
CIELab	58.20, -28.62, -8.03
CIELCh	58, 29.727, 195.662
Yxy	26.1680, 0.2372, 0.3307
Android (android.graphics.Color)	4281703065 (0xFF359A99)
YUV	123.6870, 14.4513, -61.9925
Hunter-Lab	51.1547, -24.0118, -3.8289

Details

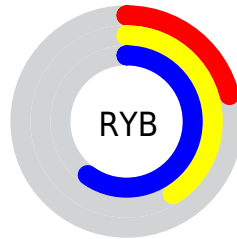
The YUV color **123.6870, 14.4513, -61.9925** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **83.3130, -14.4513, 61.9925**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.0680, 13.2775, -58.8186**, and **71.5020, 15.0355, -62.7073** is the 20% darker color. If you saturate the color by 10%, you get **119.2020, 16.6624, -71.2142**, and if you desaturate by 10%, it is **128.1720, 12.2402, -52.7708**.

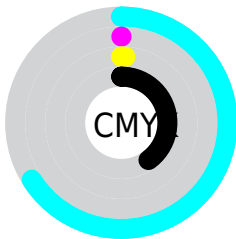
Distribution



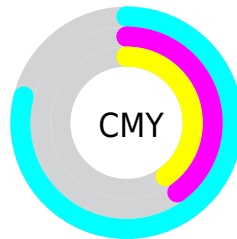
- Red (21%)
- Green (60%)
- Blue (60%)



- Red (21%)
- Yellow (41%)
- Blue (60%)



- Cyan (66%)
- Magenta (0%)
- Yellow (1%)
- Black (40%)



- Cyan (79%)
- Magenta (40%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.6870, 14.4513, -61.9925 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 123.6870, 14.4513, -61.9925 by changing the saturation by 10% instead.

123.6870, 14.4513,
-61.9925

123.6870, 14.4513,
-61.9925

255.0000, 0.0000,
0.0000

91.7070, 17.3994,
-74.2880

180.0680, 13.2775,
-58.8186

71.5020, 15.0355,
-62.7073

208.3670, 13.1301,
-58.2039

54.6780, 11.4977,
-47.9526

229.8840, 12.3822,
-51.6413

37.9680, 8.3968,
-33.2979

238.5550, 8.1074,
-33.8127

23.8340, 5.0118,
-20.9024

247.2260, 3.8326,
-15.9842

1.3680, 5.2416,
-1.1997

0.0000, 0.0000,

0.0000

■ 123.6870, 14.4513,
-61.9925

■ 123.6870, 14.4513,
-61.9925

■ 119.2020, 16.6624,
-71.2142

■ 128.1720, 12.2402,
-52.7708

■ 114.4180, 19.0209,
-81.0506

■ 132.9560, 9.8817,
-42.9344

■ 109.9330, 21.2320,
-90.2722

■ 137.4410, 7.6706,
-33.7128

■ 107.7260, 21.8271,
-94.4757

■ 142.3390, 5.7489,
-23.9763

■ 146.8240, 3.5378,
-14.7546

■ 151.3090, 1.3267,
-5.5330

■ 156.0930, -1.0318,
4.3034

■ 160.5780, -3.2430,
13.5251

■ 165.3620, -5.6015,
23.3615

Harmonies

Analogous

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



128.9920, -1.4751, -40.3350



123.6870, 14.4513, -61.9925



124.2380, 25.5187, -65.1067

Triad

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



123.6870, 14.4513, -61.9925



143.0400, 16.2493, 14.8739



139.4490, -24.3784, 25.9162

Complementary

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



123.6870, 14.4513, -61.9925



83.3130, -14.4513, 61.9925

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.



140.8450, -18.1646, 39.6009



123.6870, 14.4513, -61.9925



143.1860, 4.8383, 34.9169

Square

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



123.6870, 14.4513, -61.9925



140.0410, 24.6298, -13.1910



142.0270, -7.4083, 42.9493



137.1430, -23.7345, 6.0136

Rectangle

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



123.6870, 14.4513, -61.9925



129.1240, 28.5329, -51.8517



142.0270, -7.4083, 42.9493



139.8240, -23.0842, 30.8494

Sweetspot

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



123.6870, 14.4513, -61.9925



189.0400, 5.8963, -24.5911



112.8850, -29.5233, -50.7651



94.8240, 3.5378, -14.7546



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.



123.6870, 14.4513, -61.9925



153.3450, 23.0009, -97.6496



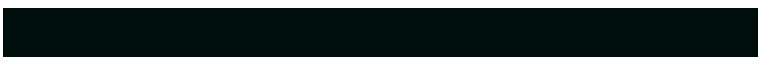
95.0380, 29.0683, -36.8673



74.4940, 0.7425, -4.8182



98.0260, 20.2002, -85.9688



9.1130, 1.9163, -7.9921

Inverse Universe

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



83.3130, -14.4513, 61.9925



89.7690, -22.5641, 97.5496



111.9620, -29.0683, 36.8673



71.3920, -1.1793, 4.9182



41.9740, -20.2002, 85.9688



3.8870, -1.9163, 7.9921

Previews

White Background



This preview shows how the YUV color 123.6870, 14.4513, -61.9925 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 123.6870, 14.4513, -61.9925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

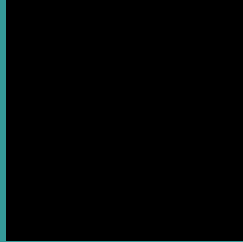
Any Text WCAG AA ✓ Pass

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 123.6870, 14.4513, -61.9925 Background



This preview shows how black text looks on a background with the YUV color 123.6870, 14.4513, -61.9925.



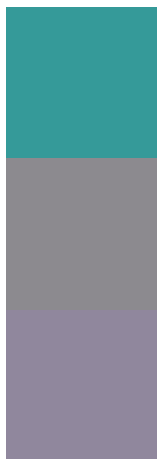
This preview shows how white text looks on a background with the YUV color 123.6870, 14.4513, -61.9925.

-61.9925.

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

123.6870, 14.4513, -61.9925

Protanopia

139.1680, 1.8892, 0.7297

Deuteranopia

140.1990, 8.2829, 3.3335



Tritanopia

125.6750, 19.3872, -58.4740

Trichromacy



Original Color

123.6870, 14.4513, -61.9925

Protanomaly

133.5780, 6.6170, -22.4319

Deuteranomaly

134.3270, 10.6848, -20.4578

Tritanomaly

125.2080, 17.6455, -59.8184

Monochromacy



Original Color

123.6870, 14.4513, -61.9925

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.9370, 5.4541, -22.7467

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.6870, 14.4513, -61.9925 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(53, 154, 153)` looks like.

```
.text, #text, p{  
    color:rgb(53, 154, 153)  
}
```

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(53, 154, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 154, 153) }
```

Border

The CSS property to change the border of an element to YUV 123.6870, 14.4513, -61.9925 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(53, 154, 153) }
```


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

```
.border{ border-color:rgb(53, 154, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 154, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 154, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 154, 153);  
box-shadow:4px 4px 4px 4px rgb(53, 154,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 123.6870, 14.4513, -61.9925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 154, 153) }
```

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

```
.background{ background-color: rgb(53, 154,  
153) }
```

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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