

Converting Colors

YUV(71.7670, 13.9189, 62.4713)

Have a look what the booklet for
YUV(71.7670, 13.9189, 62.4713)
contains.

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Color

**YUV(71.7670, 13.9189,
62.4713)**

Conversions

Conversions Part 1

Format	Color
Hex	8F1E64
RGB	143, 30, 100
RGB Percent	56%, 12%, 39%
CMY	0.4392, 0.8824, 0.6078
CMYK	0.00, 0.79, 0.30, 0.44
HSL	323°, 65%, 34%
HSV	323°, 79%, 56%
XYZ	14.0922, 7.6883, 12.7978
YIQ	71.7670, 44.8780, 45.7260

Conversions

Conversions Part 2

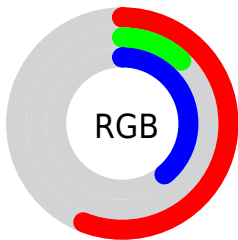
Format	Color
R_{YB}	143, 30, 100
Decimal	9379428
CIE _{Lab}	33.33, 52.03, -12.93
CIE _{LCh}	33, 53.610, 346.048
Yxy	7.6883, 0.4075, 0.2223
Android (android.graphics.Color)	4287569508 (0xFF8F1E64)
YUV	71.7670, 13.9189, 62.4713
Hunter-Lab	27.7278, 42.1964, -7.9561

Details

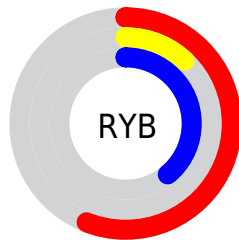
The YUV color **71.7670, 13.9189, 62.4713** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **101.2330, -13.9189, -62.4713**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.0830, 11.2981, 63.0712**, and **32.3540, 10.1785, 48.8015** is the 20% darker color. If you saturate the color by 10%, you get **62.9790, 15.7864, 70.1784**, and if you desaturate by 10%, it is **80.5550, 12.0514, 54.7643**.

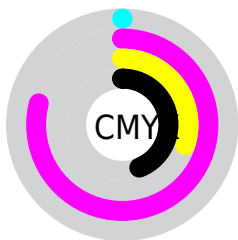
Distribution



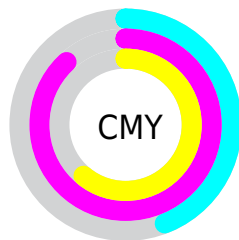
- Red (56%)
- Green (12%)
- Blue (39%)



- Red (56%)
- Yellow (12%)
- Blue (39%)



- Cyan (0%)
- Magenta (79%)
- Yellow (30%)
- Black (44%)



- Cyan (44%)
- Magenta (88%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.7670, 13.9189, 62.4713 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 71.7670, 13.9189, 62.4713 by changing the saturation by 10% instead.

71.7670, 13.9189,
62.4713

71.7670, 13.9189,
62.4713

255.0000, 0.0000,
0.0000

43.0490, 16.2448,
63.1010

128.0830, 11.2981,
63.0712

32.3540, 10.1785,
48.8015

155.6810, 11.0033,
64.3008

22.1860, 4.8383,
34.9169

182.3820, 11.1507,
63.6860

11.2200, -3.5595,
21.7321

202.0100, 15.2781,
46.4722

0.0000, 0.0000,
0.0000

220.9540, 16.7847,
29.8583

237.9770, 8.3923,

14.9292

■ 71.7670, 13.9189,
62.4713

■ 71.7670, 13.9189,
62.4713

■ 62.9790, 15.7864,
70.1784

■ 80.5550, 12.0514,
54.7643

■ 53.4900, 17.5064,
78.5003

■ 90.0440, 10.3313,
46.4424

■ 52.9030, 17.7958,
79.0151

■ 98.8320, 8.4638,
38.7353

■ 107.7340, 7.0331,
30.9283

■ 117.1090, 4.8763,
22.7064

■ 126.0110, 3.4456,
14.8994

■ 134.7990, 1.5781,
7.1923

■ 143.7010, 0.1474,
-0.6148

■ 153.0760, -2.0095,
-8.8367

Harmonies

Analogous

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



80.0100, 28.5891, 23.6702



71.7670, 13.9189, 62.4713



67.3220, -4.5957, 74.2626

Triad

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



71.7670, 13.9189, 62.4713



71.1460, -35.0750, 3.3800



71.6110, 33.2228, -62.8028

Complementary

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



71.7670, 13.9189, 62.4713



101.2330, -13.9189, -62.4713

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.



68.4530, 16.0457, -60.0333



71.7670, 13.9189, 62.4713



59.1020, -25.1933, -39.5545

Square

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



71.7670, 13.9189, 62.4713



73.9910, -36.4776, 33.3339



62.7360, -3.3208, -55.0195



70.5970, 44.5687, -61.9136

Rectangle

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



71.7670, 13.9189, 62.4713



70.3690, -19.4089, 65.4514



62.7360, -3.3208, -55.0195



70.9440, 28.1286, -62.2179

Sweetspot

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



71.7670, 13.9189, 62.4713



157.6470, 5.5970, 24.8656



55.1410, 43.3145, 13.9083



77.0110, 3.4456, 14.8994



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



71.7670, 13.9189, 62.4713



74.4630, 21.9567, 97.8179



65.4970, -10.1050, 67.9701



66.6630, 1.1521, 3.8035



49.9410, 16.7911, 74.5967



2.9620, 1.0047, 4.4183

Inverse Universe

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



71.7670, 13.9189, 62.4713



74.4630, 21.9567, 97.8179



107.5030, 10.1050, -67.9701



66.6630, 1.1521, 3.8035



49.9410, 16.7911, 74.5967



2.9620, 1.0047, 4.4183

Previews

White Background



This preview shows how the YUV color 71.7670, 13.9189, 62.4713 looks on a white background.

Color Contrast Check

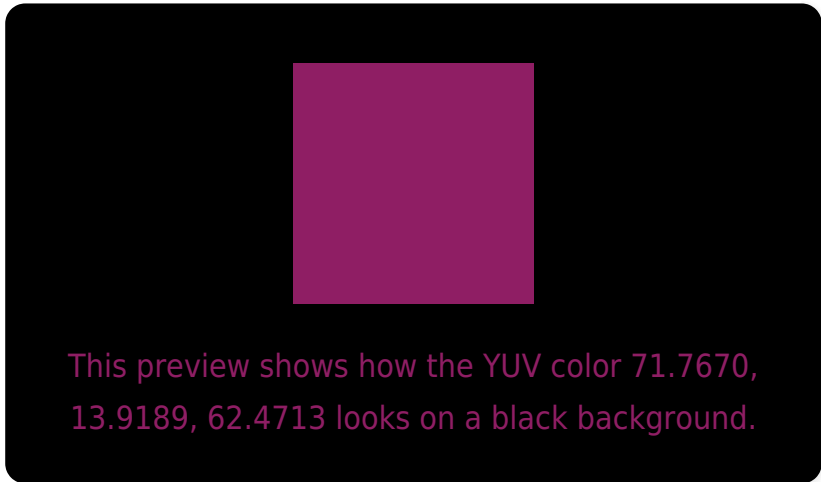
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

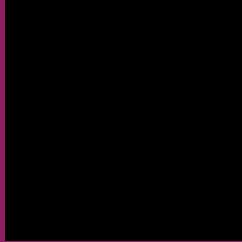
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.7670, 13.9189, 62.4713

Background



This preview shows how black text looks on a background with the YUV color 71.7670, 13.9189, 62.4713.



This preview shows how white text looks on a background with the YUV color 71.7670, 13.9189,

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

71.7670, 13.9189, 62.4713

Protanopia

77.9200, 28.1404, -19.2238

Deuteranopia

80.7210, 6.5465, 0.2447



Tritanopia

74.8500, -12.2511, 56.2595

Trichromacy



Original Color

71.7670, 13.9189, 62.4713

Protanomaly

76.0270, 22.6647, 10.5003

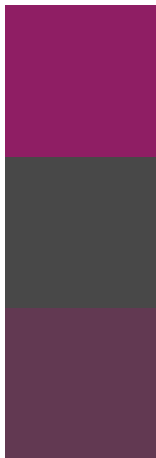
Deuteranomaly

77.8470, 8.9494, 22.9362

Tritanomaly

73.6790, -2.7997, 58.1635

Monochromacy



Original Color

71.7670, 13.9189, 62.4713

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.1090, 4.8763, 22.7064

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.7670, 13.9189, 62.4713 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(143, 30, 100)` looks like.

```
.text, #text, p{  
    color:rgb(143, 30, 100)  
}
```

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(143, 30, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 30, 100) }
```

Border

The CSS property to change the border of an element to YUV 71.7670, 13.9189, 62.4713 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(143, 30, 100) }
```


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

```
.border{ border-color:rgb(143, 30, 100) }
```

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

Here you see how a box with a 4 pixel rgb(143, 30, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 30, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 30, 100);  
box-shadow:4px 4px 4px 4px rgb(143, 30,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 71.7670, 13.9189, 62.4713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 30, 100) }
```

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

```
.background{ background-color: rgb(143, 30,  
100) }
```

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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