

Converting Colors

YUV(115.3670, 13.6231,
17.2181)

Have a look what the booklet for
YUV(115.3670, 13.6231, 17.2181)
contains.

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Color

**YUV(115.3670, 13.6231,
17.2181)**

Conversions

Conversions Part 1

Format	Color
Hex	87648F
RGB	135, 100, 143
RGB Percent	53%, 39%, 56%
CMY	0.4706, 0.6078, 0.4392
CMYK	0.06, 0.30, 0.00, 0.44
HSL	289°, 18%, 48%
HSV	289°, 30%, 56%
XYZ	19.5068, 16.2484, 28.0947
YIQ	115.3670, 7.0570, 20.7930

Conversions

Conversions Part 2

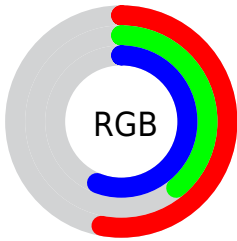
Format	Color
RYB	135, 100, 143
Decimal	8873103
CIELab	47.30, 22.09, -18.19
CIELCh	47, 28.616, 320.530
Yxy	16.2484, 0.3055, 0.2545
Android (android.graphics.Color)	4287063183 (0xFF87648F)
YUV	115.3670, 13.6231, 17.2181
Hunter-Lab	40.3093, 15.8397, -13.1074

Details

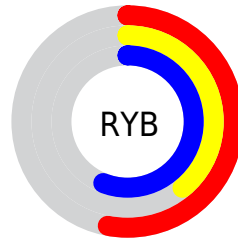
The YUV color **115.3670, 13.6231, 17.2181** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **127.6330, -13.6231, -17.2181**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.6060, 14.4912, 18.7625**, and **67.1280, 12.7549, 15.6737** is the 20% darker color. If you saturate the color by 10%, you get **106.2520, 18.1168, 22.5810**, and if you desaturate by 10%, it is **124.4820, 9.1294, 11.8553**.

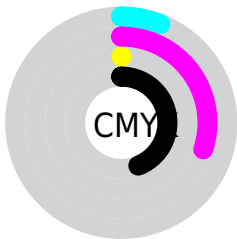
Distribution



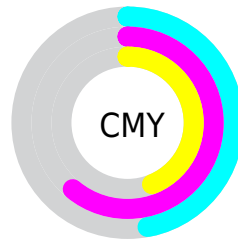
- Red (53%)
- Green (39%)
- Blue (56%)



- Red (53%)
- Yellow (39%)
- Blue (56%)



- Cyan (6%)
- Magenta (30%)
- Yellow (0%)
- Black (44%)



- Cyan (47%)
- Magenta (61%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.3670, 13.6231, 17.2181 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 115.3670, 13.6231, 17.2181 by changing the saturation by 10% instead.

■ 115.3670, 13.6231,
17.2181

■ 115.3670, 13.6231,
17.2181

■ 255.0000, 0.0000,
0.0000

■ 90.5410, 13.0443,
16.1885

■ 167.6060, 14.4912,
18.7625

■ 67.1280, 12.7549,
15.6737

■ 195.0190, 14.7806,
19.2773

■ 44.3020, 12.1761,
14.6441

■ 223.1330, 15.2174,
19.1774

■ 21.8890, 11.8867,
14.1293

■ 242.6730, 6.0772,
10.8108

■ 6.5520, 9.5879,
4.7779

■ 0.0000, 0.0000,
0.0000

■ 115.3670, 13.6231,
17.2181

■ 115.3670, 13.6231,
17.2181

■ 106.2520, 18.1168,
22.5810

■ 124.4820, 9.1294,
11.8553

■ 96.8490, 22.7524,
29.0734

■ 133.8850, 4.4937,
5.3629

■ 87.7340, 27.2461,
34.4363

■ 143.0000, 0.0000,
0.0000

■ 78.6190, 31.7398,
39.7991

■ 152.1150, -4.4937,
-5.3629

■ 69.2160, 36.3755,
46.2916

■ 160.9310, -8.8400,
-11.3405

■ 60.1010, 40.8692,
51.6544


■ 170.6330,
-13.6231, -17.2181

■ 50.9860, 45.3629,
57.0173

■ 179.7480,
-18.1168, -22.5810

■ 188.5640,

-22.4631, -28.5586

 198.2660,
-27.2461, -34.4363

Harmonies

Analogous

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



112.9770, 21.7033, -7.8728



115.3670, 13.6231, 17.2181



115.0180, 2.9491, 34.1872

Triad

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



115.3670, 13.6231, 17.2181



111.1710, -22.7623, 20.8980



90.3590, 18.5570, -72.2288

Complementary

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



115.3670, 13.6231, 17.2181



127.6330, -13.6231, -17.2181

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.



100.3660, 1.2986, -43.2940



115.3670, 13.6231, 17.2181



108.8050, -21.1029, 1.9250

Square

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



115.3670, 13.6231, 17.2181



112.8120, -18.1483, 34.3679



105.3770, -12.0179, -18.7476



92.1880, 28.0083, -70.3249

Rectangle

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



115.3670, 13.6231, 17.2181



113.9880, -4.9241, 39.4755



105.3770, -12.0179, -18.7476



94.5300, 12.5567, -60.9778

Sweetspot

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



115.3670, 13.6231, 17.2181



175.1240, 5.3619, 6.9073



110.1850, 16.1778, -8.9322



87.5320, 3.1887, 3.9184



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.



115.3670, 13.6231, 17.2181



143.0830, 21.1581, 27.1142



116.2770, 6.7654, 23.4361



66.5920, 2.1731, 2.9888



48.2800, 42.7530, 54.1284



2.7060, 2.6099, 2.8888

Inverse Universe

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



113.7690, -2.8441, 25.6356



140.5150, -4.1979, 39.8903



126.7230, -6.7654, -23.4361



66.3210, -0.1583, 4.1035



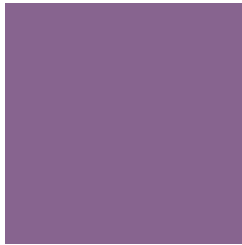
43.2150, -8.9800, 80.4954



2.5060, -0.7425, 4.8182

Previews

White Background



This preview shows how the YUV color 115.3670, 13.6231, 17.2181 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 × Fail

Black Background



This preview shows how the YUV color 115.3670, 13.6231, 17.2181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

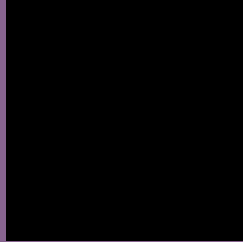
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 115.3670, 13.6231, 17.2181 Background



This preview shows how black text looks on a background with the YUV color 115.3670, 13.6231, 17.2181.



This preview shows how white text looks on a background with the YUV color 115.3670, 13.6231,

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

115.3670, 13.6231, 17.2181

Protanopia

112.5700, 18.9460, -10.1469

Deuteranopia

113.2350, 13.6881, -3.7141



Tritanopia

114.3870, -0.1908, 14.5696

Trichromacy



Original Color

115.3670, 13.6231, 17.2181

Protanomaly

113.4680, 17.0243, -0.4104

Deuteranomaly

113.6920, 13.9558, 3.7781

Tritanomaly

114.7660, 5.0454, 15.1142

Monochromacy



Original Color

115.3670, 13.6231, 17.2181

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

115.2980, 4.7831, 5.8777

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.3670, 13.6231, 17.2181 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(135, 100, 143)` looks like.

```
.text, #text, p{  
    color:rgb(135, 100, 143)  
}
```

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(135, 100, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 100, 143) }
```

Border

The CSS property to change the border of an element to YUV 115.3670, 13.6231, 17.2181 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(135, 100, 143) }
```


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

```
.border{ border-color:rgb(135, 100, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 100, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 100, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 100, 143);  
box-shadow:4px 4px 4px 4px rgb(135, 100,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 115.3670, 13.6231, 17.2181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 100, 143) }
```

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

```
.background{ background-color: rgb(135,  
100, 143) }
```

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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