

Converting Colors

YUV(106.6830, 11.0023,
17.8180)

Have a look what the booklet for
YUV(106.6830, 11.0023, 17.8180)
contains.

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Color

**YUV(106.6830, 11.0023,
17.8180)**

Conversions

Conversions Part 1

Format	Color
Hex	7F5C81
RGB	127, 92, 129
RGB Percent	50%, 36%, 51%
CMY	0.5020, 0.6392, 0.4941
CMYK	0.02, 0.29, 0.00, 0.49
HSL	297°, 17%, 43%
HSV	297°, 29%, 51%
XYZ	16.5420, 13.7513, 22.5513
YIQ	106.6830, 8.9830, 18.9270

Conversions

Conversions Part 2

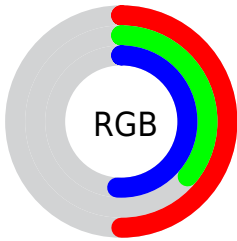
Format	Color
R_{YB}	127, 92, 129
Decimal	8346753
CIE _{Lab}	43.87, 21.08, -15.10
CIE _{LCh}	44, 25.932, 324.387
Yxy	13.7513, 0.3130, 0.2602
Android (android.graphics.Color)	4286536833 (0xFF7F5C81)
YUV	106.6830, 11.0023, 17.8180
Hunter-Lab	37.0827, 14.7311, -10.0984

Details

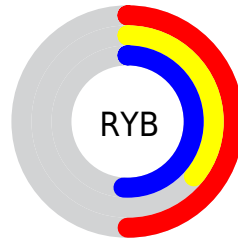
The YUV color **106.6830, 11.0023, 17.8180** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **114.3170, -11.0023, -17.8180**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.5090, 11.5811, 18.8476**, and **58.5580, 10.5709, 16.1736** is the 20% darker color. If you saturate the color by 10%, you get **98.7530, 14.9118, 23.8956**, and if you desaturate by 10%, it is **114.6130, 7.0928, 11.7404**.

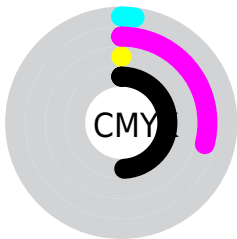
Distribution



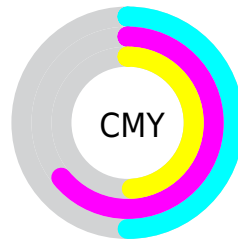
- Red (50%)
- Green (36%)
- Blue (51%)



- Red (50%)
- Yellow (36%)
- Blue (51%)



- Cyan (2%)
- Magenta (29%)
- Yellow (0%)
- Black (49%)



- Cyan (50%)
- Magenta (64%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.6830, 11.0023, 17.8180 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 106.6830, 11.0023, 17.8180 by changing the saturation by 10% instead.

■ 106.6830, 11.0023,
17.8180

■ 106.6830, 11.0023,
17.8180

■ 255.0000, 0.0000,
0.0000

■ 82.2700, 10.7129,
17.3032

■ 158.5090, 11.5811,
18.8476

■ 58.5580, 10.5709,
16.1736

■ 185.3350, 12.1598,
19.8772

■ 36.7320, 9.9921,
15.1440

■ 213.3350, 12.1598,
19.8772

■ 13.8570, 10.4235,
16.7884

■ 237.3900, 8.6817,
15.4440

■ 1.2540, 4.8048,
-1.0998

■ 253.8260, 0.5788,
1.0296

■ 0.0000, 0.0000,
0.0000

■ 106.6830, 11.0023,
17.8180

■ 106.6830, 11.0023,
17.8180

■ 98.7530, 14.9118,
23.8956

■ 114.6130, 7.0928,
11.7404

■ 91.1220, 18.6739,
30.5880

■ 122.2440, 3.3307,
5.0480

■ 83.1920, 22.5833,
36.6656

■ 130.1740, -0.5788,
-1.0296

■ 75.2620, 26.4928,
42.7432

■ 138.1040, -4.4883,
-7.1072

■ 68.2180, 29.9655,
48.9208

■ 145.1480, -7.9610,
-13.2848

■ 60.2880, 33.8750,
54.9984

■ 153.0780,
-11.8705, -19.3624

■ 52.3580, 37.7845,
61.0760


■ 161.0080,
-15.7799, -25.4400

■ 51.1840, 38.3633,

■ 168.9380,

62.1056

-19.6894, -31.5176

 176.5690,
-23.4515, -38.2100

Harmonies

Analogous

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



104.9020, 18.7823, -4.2991



106.6830, 11.0023, 17.8180



105.9530, 1.5022, 31.6132

Triad

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



106.6830, 11.0023, 17.8180



102.7190, -20.5675, 16.9094



86.3820, 17.0667, -60.8480

Complementary

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



106.6830, 11.0023, 17.8180



114.3170, -11.0023, -17.8180

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.



92.8440, 3.0349, -40.2052



106.6830, 11.0023, 17.8180



100.5920, -18.0399, -0.5192

Square

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



106.6830, 11.0023, 17.8180



104.3060, -17.4059, 29.5496



97.6480, -9.6865, -19.8623



89.8480, 23.7389, -54.2407

Rectangle

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



106.6830, 11.0023, 17.8180



105.4390, -5.6394, 35.5720



97.6480, -9.6865, -19.8623



88.2750, 12.6824, -54.6152

Sweetspot

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



106.6830, 11.0023, 17.8180



158.8960, 4.4883, 7.1072



97.3920, 15.5827, -4.7288



78.7170, 2.6045, 4.6332



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



106.6830, 11.0023, 17.8180



133.6440, 16.9375, 27.4992



105.4570, 3.7187, 20.6472



59.5920, 2.1731, 2.9888



50.7710, 38.0739, 61.5908



0.0000, 0.0000, 0.0000

Inverse Universe

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



103.2910, -4.5805, 22.5468



128.3850, -7.0918, 34.7424



115.5430, -3.7187, -20.6472



59.2070, -0.5951, 4.2035



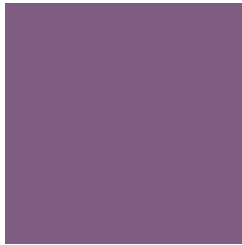
39.0700, -15.8105, 77.9916



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 106.6830, 11.0023, 17.8180 looks on a white background.

Color Contrast Check

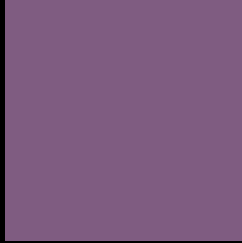
Large Text (above 18pt) WCAG AA ✓ Pass

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 106.6830, 11.0023, 17.8180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

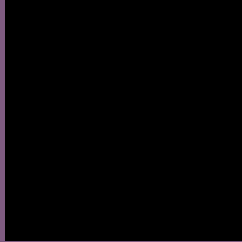
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.6830, 11.0023, 17.8180

Background



This preview shows how black text looks on a background with the YUV color 106.6830, 11.0023, 17.8180.



This preview shows how white text looks on a background with the YUV color 106.6830, 11.0023,

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

106.6830, 11.0023, 17.8180

Protanopia

104.4840, 16.0304, -8.3175

Deuteranopia

104.8500, 10.9200, -2.4994



Tritanopia

105.8710, -0.9224, 15.8991

Trichromacy



Original Color

106.6830, 11.0023, 17.8180

Protanomaly

105.3820, 14.1087, 1.4190

Deuteranomaly

105.3070, 11.1876, 4.9928

Tritanomaly

106.0220, 3.4402, 16.6437

Monochromacy



Original Color

106.6830, 11.0023, 17.8180

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.0700, 3.9095, 6.0776

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.6830, 11.0023, 17.8180 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(127, 92, 129)` looks like.

```
.text, #text, p{  
    color:rgb(127, 92, 129)  
}
```

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(127, 92, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 92, 129) }
```

Border

The CSS property to change the border of an element to YUV 106.6830, 11.0023, 17.8180 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(127, 92, 129) }
```


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

```
.border{ border-color:rgb(127, 92, 129) }
```

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

Here you see how a box with a 4 pixel rgb(127, 92, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 92, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 92, 129);  
box-shadow:4px 4px 4px 4px rgb(127, 92,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 106.6830, 11.0023, 17.8180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 92, 129) }
```

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

```
.background{ background-color: rgb(127, 92,  
129) }
```

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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