

Converting Colors

YUV(106.8230, 11.4263,
-71.7588)

Have a look what the booklet for
YUV(106.8230, 11.4263, -71.7588)
contains.

YUV(106.8230, 11.4263, -71.7588)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(106.8230, 11.4263,
-71.7588)**

Conversions

Conversions Part 1

Format	Color
Hex	199082
RGB	25, 144, 130
RGB Percent	10%, 56%, 51%
CMY	0.9020, 0.4353, 0.4902
CMYK	0.83, 0.00, 0.10, 0.44
HSL	173°, 70%, 33%
HSV	173°, 83%, 56%
XYZ	14.4034, 21.7649, 24.5610
YIQ	106.8230, -66.4300, -29.5820

Conversions

Conversions Part 2

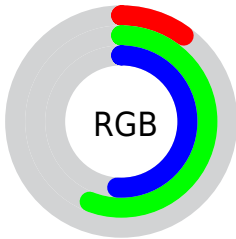
Format	Color
RYB	25, 88, 144
Decimal	1675394
CIELab	53.78, -34.19, -1.44
CIElCh	54, 34.221, 182.416
Yxy	21.7649, 0.2372, 0.3584
Android (android.graphics.Color)	4279865474 (0xFF199082)
YUV	106.8230, 11.4263, -71.7588
Hunter-Lab	46.6529, -26.5331, 1.4430

Details

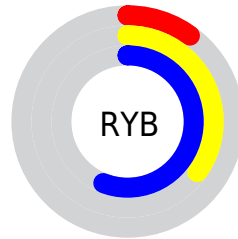
The YUV color **106.8230, 11.4263, -71.7588** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **62.1770, -11.4263, 71.7588**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.8950, 8.9258, -63.0519**, and **63.8250, 8.4673, -55.9745** is the 20% darker color. If you saturate the color by 10%, you get **102.4090, 12.6164, -80.1657**, and if you desaturate by 10%, it is **111.2370, 10.2362, -63.3518**.

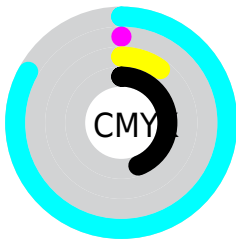
Distribution



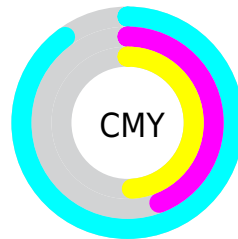
- Red (10%)
- Green (56%)
- Blue (51%)



- Red (10%)
- Yellow (35%)
- Blue (56%)



- Cyan (83%)
- Magenta (0%)
- Yellow (10%)
- Black (44%)



- Cyan (90%)
- Magenta (44%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.8230, 11.4263, -71.7588 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 106.8230, 11.4263, -71.7588 by changing the saturation by 10% instead.

■ 106.8230, 11.4263,
-71.7588

■ 106.8230, 11.4263,
-71.7588

■ 255.0000, 0.0000,
0.0000

■ 81.2360, 11.7157,
-71.2440

■ 164.8950, 8.9258,
-63.0519

■ 63.8250, 8.4673,
-55.9745

■ 193.6670, 8.0522,
-62.8520

■ 46.5280, 5.6557,
-40.8051

■ 222.0800, 8.3416,
-62.3372

■ 30.5190, 2.7021,
-26.7652

■ 232.5750, 11.0555,
-46.1083

■ 14.7380, 0.6222,
-12.9252

■ 241.5450, 6.6333,
-27.6650

■ 0.0000, 0.0000,
0.0000

■ 250.2160, 2.3585,

-9.8364

■ 106.8230, 11.4263,
-71.7588

■ 106.8230, 11.4263,
-71.7588

■ 102.4090, 12.6164,
-80.1657

■ 111.2370, 10.2362,
-63.3518

■ 99.0060, 13.8010,
-86.8283

■ 115.8360, 8.4619,
-54.2302

■ 120.2500, 7.2718,
-45.8232

■ 124.9630, 5.9342,
-36.8016

■ 129.2630, 4.3073,
-28.2947

■ 133.6770, 3.1172,
-19.8877

■ 138.3900, 1.7797,
-10.8660

■ 142.8040, 0.5896,
-2.4591

■ 147.4030, -1.1847,
6.6626

Harmonies

Analogous

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



118.0760, -8.9115, -35.1467



106.8230, 11.4263, -71.7588



102.0670, 28.0680, -89.5128

Triad

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



106.8230, 11.4263, -71.7588



131.0970, 23.1232, 3.4229



127.9880, -25.1371, 35.9675

Complementary

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



106.8230, 11.4263, -71.7588



62.1770, -11.4263, 71.7588

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.



129.2850, -15.4235, 47.1081



106.8230, 11.4263, -71.7588



132.2870, 11.6905, 30.4433

Square

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



106.8230, 11.4263, -71.7588



124.2280, 30.9466, -32.6490



131.1290, -2.0356, 46.3679



126.3570, -28.2770, 16.3499

Rectangle

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



106.8230, 11.4263, -71.7588



102.6030, 35.1987, -89.9828



131.1290, -2.0356, 46.3679



128.7050, -22.5326, 40.6007

Sweetspot

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



106.8230, 11.4263, -71.7588



171.6760, 4.5967, -27.7799



99.6370, -36.7960, -51.4246



85.2860, 2.8170, -16.9138



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.



106.8230, 11.4263, -71.7588



128.4760, 17.5133, -110.9195



82.5910, 30.2746, -50.5073



68.9070, 1.0318, -4.3034



92.8110, 12.9112, -81.3952



5.4940, 0.7425, -4.8182

Inverse Universe

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



62.1770, -11.4263, 71.7588



59.5240, -17.5133, 110.9195



86.4090, -30.2746, 50.5073



66.2070, -0.5951, 4.2035



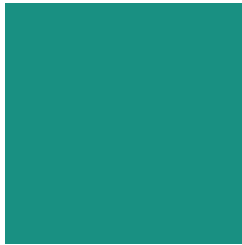
42.1890, -12.9112, 81.3952



2.5060, -0.7425, 4.8182

Previews

White Background



This preview shows how the YUV color 106.8230, 11.4263, -71.7588 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 106.8230, 11.4263, -71.7588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

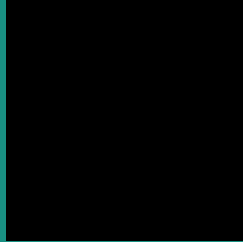
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 106.8230, 11.4263, -71.7588

Background



This preview shows how black text looks on a background with the YUV color 106.8230, 11.4263, -71.7588.



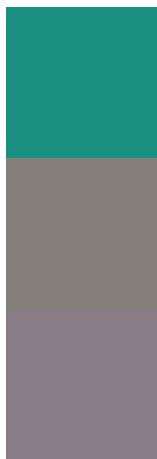
This preview shows how white text looks on a background with the YUV color 106.8230, 11.4263, -71.7588.

-71.7588.

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

106.8230, 11.4263, -71.7588

Protanopia

127.8110, -3.3578, 3.6738

Deuteranopia

129.0270, 2.4517, 6.9923



Tritanopia

112.9520, 19.2507, -61.3479

Trichromacy



Original Color

106.8230, 11.4263, -71.7588

Protanomaly

120.0140, 1.9651, -23.6913

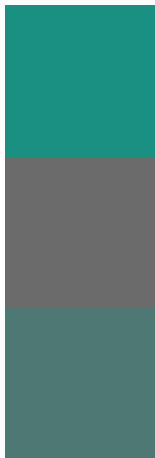
Deuteranomaly

120.7630, 6.0328, -21.7172

Tritanomaly

110.5340, 16.4987, -65.3663

Monochromacy



Original Color

106.8230, 11.4263, -71.7588

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.5730, 4.1545, -25.9355

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.8230, 11.4263, -71.7588 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(25, 144, 130)` looks like.

```
.text, #text, p{  
  color:rgb(25, 144, 130)  
}
```

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(25, 144, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 144, 130) }
```

Border

The CSS property to change the border of an element to YUV 106.8230, 11.4263, -71.7588 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(25, 144, 130) }
```


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

```
.border{ border-color:rgb(25, 144, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 144, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 144, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 144, 130);  
box-shadow:4px 4px 4px 4px rgb(25, 144,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 106.8230, 11.4263, -71.7588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 144, 130) }
```

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

```
.background{ background-color: rgb(25, 144,  
130) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor