

# Converting Colors

YUV(106.8660, 12.8841,  
-72.6735)

Have a look what the booklet for  
YUV(106.8660, 12.8841, -72.6735)  
contains.

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# Color

**YUV(106.8660, 12.8841,  
-72.6735)**

# Conversions

## Conversions Part 1

Format	Color
Hex	189085
RGB	24, 144, 133
RGB Percent	9%, 56%, 52%
CMY	0.9059, 0.4353, 0.4784
CMYK	0.83, 0.00, 0.08, 0.44
HSL	174°, 71%, 33%
HSV	174°, 83%, 56%
XYZ	14.5836, 21.8342, 25.6361
YIQ	106.8660, -67.9890, -28.8610

# Conversions

## Conversions Part 2

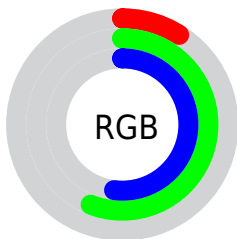
<b>Format</b>	<b>Color</b>
<b>RYB</b>	24, 87, 144
Decimal	1609861
CIELab	53.85, -33.40, -3.07
CIElCh	54, 33.543, 185.245
Yxy	21.8342, 0.2350, 0.3519
Android (android.graphics.Color)	4279799941 (0xFF189085)
YUV	106.8660, 12.8841, -72.6735
Hunter-Lab	46.7270, -26.0622, 0.1804

# Details

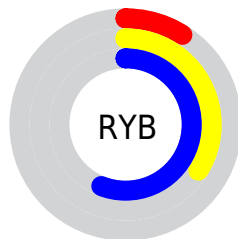
The YUV color **106.8660, 12.8841, -72.6735** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **61.1340, -12.8841, 72.6735**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.2370, 10.2362, -63.3518**, and **64.1670, 9.7777, -56.2745** is the 20% darker color. If you saturate the color by 10%, you get **102.5660, 14.5110, -81.1804**, and if you desaturate by 10%, it is **111.1660, 11.2572, -64.1666**.

# Distribution



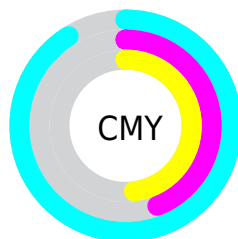
- Red (9%)
- Green (56%)
- Blue (52%)



- Red (9%)
- Yellow (34%)
- Blue (56%)



- Cyan (83%)
- Magenta (0%)
- Yellow (8%)
- Black (44%)



- Cyan (91%)
- Magenta (44%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 106.8660, 12.8841, -72.6735 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 106.8660, 12.8841, -72.6735 by changing the saturation by 10% instead.



■ 106.8660, 12.8841,  
-72.6735

■ 106.8660, 12.8841,  
-72.6735

■ 255.0000, 0.0000,  
0.0000

■ 81.5780, 13.0260,  
-71.5439

■ 165.2370, 10.2362,  
-63.3518

■ 64.1670, 9.7777,  
-56.2745

■ 194.1230, 9.7994,  
-63.2519

■ 46.8700, 6.9661,  
-41.1050

■ 222.4220, 9.6520,  
-62.6371

■ 30.8610, 4.0125,  
-27.0651

■ 232.5750, 11.0555,  
-46.1083

■ 15.0800, 1.9326,  
-13.2252

■ 241.5450, 6.6333,  
-27.6650

■ 0.0000, 0.0000,  
0.0000

■ 250.2160, 2.3585,

-9.8364

■ 106.8660, 12.8841,  
-72.6735

■ 106.8660, 12.8841,  
-72.6735

■ 102.5660, 14.5110,  
-81.1804

■ 111.1660, 11.2572,  
-64.1666

■ 99.4620, 15.5482,  
-87.2282

■ 115.8790, 9.9197,  
-55.1449

■ 120.1790, 8.2928,  
-46.6380

■ 124.7780, 6.5184,  
-37.5163

■ 129.1920, 5.3283,  
-29.1094

■ 133.4920, 3.7014,  
-20.6025

■ 138.0910, 1.9271,  
-11.4808

■ 142.5050, 0.7370,  
-3.0739

■ 147.1040, -1.0373,  
6.0478

# Harmonies

## Analogous

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



117.6350, -6.7221, -37.3909



106.8660, 12.8841, -72.6735



102.2950, 28.9416, -89.7127

# Triad

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



106.8660, 12.8841, -72.6735



131.1790, 22.0968, 5.9820



128.5640, -25.4211, 33.7084

# Complementary

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



106.8660, 12.8841, -72.6735



61.1340, -12.8841, 72.6735

# 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.



129.4590, -16.0023, 46.0785



106.8660, 12.8841, -72.6735



132.5430, 10.0853, 31.9728

# Square

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



106.8660, 12.8841, -72.6735



125.3210, 29.9147, -28.3455



131.4880, -3.1986, 46.0530



126.1610, -27.6874, 13.8908



# Rectangle

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



106.8660, 12.8841, -72.6735



102.1300, 35.9249, -89.5680



131.4880, -3.1986, 46.0530



128.5800, -22.9639, 38.9563

# Sweetspot

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



106.8660, 12.8841, -72.6735



171.7900, 5.0335, -27.8798



98.0280, -36.4958, -54.3986



85.4000, 3.2538, -17.0138



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.



106.8660, 12.8841, -72.6735



128.4480, 19.9921, -112.6489



79.9440, 31.5796, -49.0629



68.9070, 1.0318, -4.3034



93.2670, 14.6584, -81.7952



5.4940, 0.7425, -4.8182



# Inverse Universe

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



61.1340, -12.8841, 72.6735



57.5520, -19.9921, 112.6489



88.0560, -31.5796, 49.0629



66.2070, -0.5951, 4.2035



41.7330, -14.6584, 81.7952



2.5060, -0.7425, 4.8182



# Previews

## White Background



This preview shows how the YUV color 106.8660, 12.8841, -72.6735 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 106.8660, 12.8841, -72.6735 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

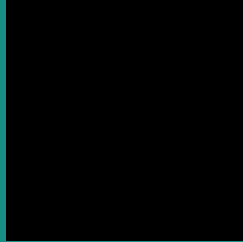
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 106.8660, 12.8841, -72.6735

## Background



This preview shows how black text looks on a background with the YUV color 106.8660, 12.8841, -72.6735.



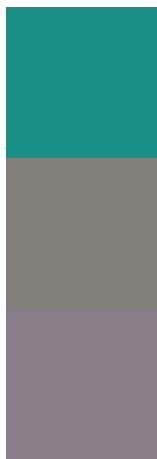
This preview shows how white text looks on a background with the YUV color 106.8660, 12.8841, -72.6735.

-72.6735.

# 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

106.8660, 12.8841, -72.6735

### Protanopia

127.7400, -2.3368, 2.8590

### Deuteranopia

129.0700, 3.9095, 6.0776



## Tritanopia

112.4680, 19.9823, -62.6774

# Trichromacy



## Original Color

106.8660, 12.8841, -72.6735

## Protanomaly

120.0570, 3.4229, -24.6060

## Deuteranomaly

120.8060, 7.4906, -22.6319

## Tritanomaly

110.4630, 17.5197, -66.1811

# Monochromacy



## Original Color

106.8660, 12.8841, -72.6735

## Achromatopsia

107.0000, 0.0000, 0.0000

## Achromatomaly

106.6870, 4.5913, -26.0355

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 106.8660, 12.8841, -72.6735 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(24, 144, 133)` looks like.

```
.text, #text, p{  
    color:rgb(24, 144, 133)  
}
```

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(24, 144, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 144, 133) }
```

## Border

The CSS property to change the border of an element to YUV 106.8660, 12.8841, -72.6735 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(24, 144, 133) }
```



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

```
.border{ border-color:rgb(24, 144, 133) }
```

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

Here you see how a box with a 4 pixel rgb(24, 144, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 144, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 144, 133);  
box-shadow:4px 4px 4px 4px rgb(24, 144,  
133) }
```

# Background

The CSS property to change the background color of an element to YUV 106.8660, 12.8841, -72.6735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 144, 133) }
```

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

```
.background{ background-color: rgb(24, 144,  
133) }
```

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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