

Converting Colors

YUV(101.1280, 8.8109,
-72.9033)

Have a look what the booklet for
YUV(101.1280, 8.8109, -72.9033)
contains.

YUV(101.1280, 8.8109, -72.9033)	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(101.1280, 8.8109,
-72.9033)**

Conversions

Conversions Part 1

Format	Color
Hex	128C77
RGB	18, 140, 119
RGB Percent	7%, 55%, 47%
CMY	0.9294, 0.4510, 0.5333
CMYK	0.87, 0.00, 0.15, 0.45
HSL	170°, 77%, 31%
HSV	170°, 87%, 55%
XYZ	12.9573, 20.2167, 20.6721
YIQ	101.1280, -65.9710, -32.3950

Conversions

Conversions Part 2

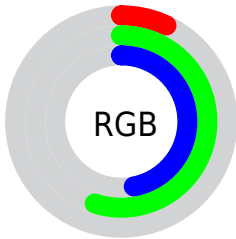
Format	Color
RYB	18, 85, 140
Decimal	1215607
CIELab	52.08, -36.12, 2.43
CIELCh	52, 36.203, 176.147
Yxy	20.2167, 0.2406, 0.3755
Android (android.graphics.Color)	4279405687 (0xFF128C77)
YUV	101.1280, 8.8109, -72.9033
Hunter-Lab	44.9630, -27.2455, 4.2151

Details

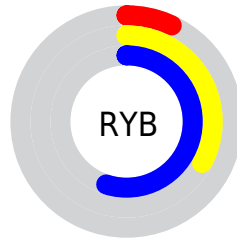
The YUV color **101.1280, 8.8109, -72.9033** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **56.8720, -8.8109, 72.9033**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.9830, 5.4314, -62.2521**, and **60.3370, 5.2569, -52.9155** is the 20% darker color. If you saturate the color by 10%, you get **96.7140, 10.0010, -81.3102**, and if you desaturate by 10%, it is **105.5420, 7.6208, -64.4963**.

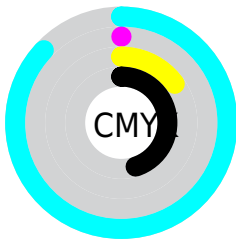
Distribution



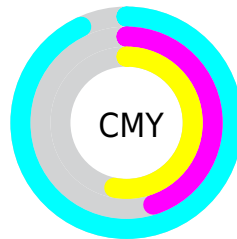
- Red (7%)
- Green (55%)
- Blue (47%)



- Red (7%)
- Yellow (33%)
- Blue (55%)



- Cyan (87%)
- Magenta (0%)
- Yellow (15%)
- Black (45%)



- Cyan (93%)
- Magenta (45%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.1280, 8.8109, -72.9033 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 101.1280, 8.8109, -72.9033 by changing the saturation by 10% instead.

■ 101.1280, 8.8109,
-72.9033

■ 101.1280, 8.8109,
-72.9033

■ 255.0000, 0.0000,
0.0000

■ 77.6340, 8.0684,
-68.0850

■ 159.9830, 5.4314,
-62.2521

■ 60.3370, 5.2569,
-52.9155

■ 188.7550, 4.5578,
-62.0521

■ 43.6270, 2.1559,
-38.2609

■ 217.0540, 4.4104,
-61.4374

■ 27.8460, 0.0759,
-24.4209

■ 231.0800, 11.7926,
-49.1822

■ 8.3320, -3.6147,
-7.3072

■ 240.0500, 7.3704,
-30.7388

■ 0.0000, 0.0000,
0.0000

■ 248.7210, 3.0955,

-12.9103

■ 101.1280, 8.8109,
-72.9033

■ 101.1280, 8.8109,
-72.9033

■ 96.7140, 10.0010,
-81.3102

■ 105.5420, 7.6208,
-64.4963

■ 95.4040, 10.1538,
-83.6693

■ 110.0700, 6.8675,
-56.1894

■ 114.4840, 5.6774,
-47.7825

■ 119.0120, 4.9241,
-39.4755

■ 123.4260, 3.7340,
-31.0686

■ 127.8400, 2.5439,
-22.6617

■ 132.3680, 1.7906,
-14.3547

■ 136.7820, 0.6005,
-5.9478

■ 141.3100, -0.1528,
2.3591

Harmonies

Analogous

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



113.7730, -12.7061, -31.3729



101.1280, 8.8109, -72.9033



99.3940, 25.4418, -87.1685

Triad

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



101.1280, 8.8109, -72.9033



125.9650, 26.6393, -4.3543



123.8360, -24.5691, 40.4858

Complementary

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



101.1280, 8.8109, -72.9033



56.8720, -8.8109, 72.9033

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.



125.2900, -12.9610, 50.6117



101.1280, 8.8109, -72.9033



127.8890, 15.3377, 27.2843

Square

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



101.1280, 8.8109, -72.9033



116.0630, 34.4789, -45.6593



126.6390, 1.1640, 46.7976



121.9340, -30.0405, 21.9829

Rectangle

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



101.1280, 8.8109, -72.9033



100.1580, 33.4461, -87.8386



126.6390, 1.1640, 46.7976



124.0800, -21.2384, 45.5338

Sweetspot

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



101.1280, 8.8109, -72.9033



166.0350, 3.4337, -28.0947



96.1920, -38.5487, -49.2804



82.7590, 2.0908, -17.3286



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



101.1280, 8.8109, -72.9033



123.3470, 13.1399, -108.1753



80.6290, 29.2699, -54.9256



66.7930, 0.5951, -4.2035



90.6110, 9.5588, -79.4658



3.3910, 0.3002, -2.9739

Inverse Universe

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



56.8720, -8.8109, 72.9033



57.6530, -13.1399, 108.1753



77.3710, -29.2699, 54.9256



64.2070, -0.5951, 4.2035



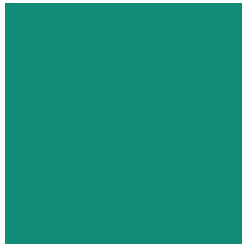
42.3890, -9.5588, 79.4658



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 101.1280, 8.8109, -72.9033 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 101.1280, 8.8109, -72.9033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

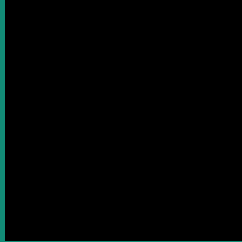
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 101.1280, 8.8109, -72.9033

Background



This preview shows how black text looks on a background with the YUV color 101.1280, 8.8109, -72.9033.



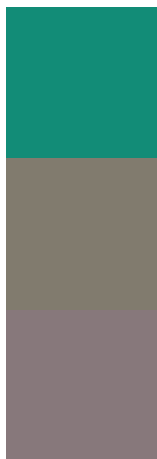
This preview shows how white text looks on a background with the YUV color 101.1280, 8.8109,

-72.9033.

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

101.1280, 8.8109, -72.9033

Protanopia

123.3120, -6.5628, 4.9884

Deuteranopia

124.8270, -0.9007, 8.9217



Tritanopia

109.1480, 18.6610, -58.8888

Trichromacy



Original Color

101.1280, 8.8109, -72.9033

Protanomaly

115.2160, -1.0925, -22.9914

Deuteranomaly

115.9650, 2.9753, -21.0173

Tritanomaly

105.9040, 15.3303, -63.9368

Monochromacy



Original Color

101.1280, 8.8109, -72.9033

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

101.0460, 3.4283, -26.3503

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.1280, 8.8109, -72.9033 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(18, 140, 119)` looks like.

```
.text, #text, p{  
    color:rgb(18, 140, 119)  
}
```

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(18, 140, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 140, 119) }
```

Border

The CSS property to change the border of an element to YUV 101.1280, 8.8109, -72.9033 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(18, 140, 119) }
```


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

```
.border{ border-color:rgb(18, 140, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 140, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 140, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 140, 119);  
box-shadow:4px 4px 4px 4px rgb(18, 140,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 101.1280, 8.8109, -72.9033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 140, 119) }
```

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

```
.background{ background-color: rgb(18, 140,  
119) }
```

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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