

Converting Colors

YUV(96.7900, 11.4425,
-76.9918)

Have a look what the booklet for
YUV(96.7900, 11.4425, -76.9918)
contains.

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Color

**YUV(96.7900, 11.4425,
-76.9918)**

Conversions

Conversions Part 1

Format	Color
Hex	098978
RGB	9, 137, 120
RGB Percent	4%, 54%, 47%
CMY	0.9647, 0.4627, 0.5294
CMYK	0.93, 0.00, 0.12, 0.46
HSL	172°, 88%, 29%
HSV	172°, 93%, 54%
XYZ	12.4485, 19.3055, 20.8395
YIQ	96.7900, -70.8310, -32.4230

Conversions

Conversions Part 2

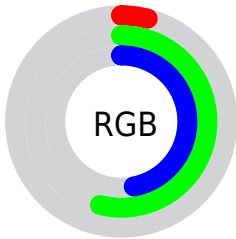
Format	Color
RYB	9, 78, 137
Decimal	625016
CIELab	51.04, -35.06, 0.33
CIElCh	51, 35.059, 179.457
Yxy	19.3055, 0.2367, 0.3671
Android (android.graphics.Color)	4278815096 (0xFF098978)
YUV	96.7900, 11.4425, -76.9918
Hunter-Lab	43.9380, -26.3190, 2.6357

Details

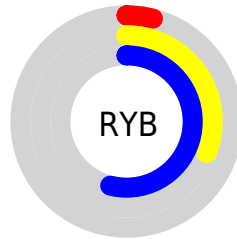
The YUV color **96.7900, 11.4425, -76.9918** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **49.2100, -11.4425, 76.9918**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.4390, 7.1786, -62.6520**, and **58.6900, 6.5618, -51.4711** is the 20% darker color. If you saturate the color by 10%, you get **93.9850, 12.3324, -82.4248**, and if you desaturate by 10%, it is **101.2040, 10.2524, -68.5849**.

Distribution



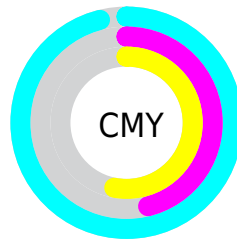
- Red (4%)
- Green (54%)
- Blue (47%)



- Red (4%)
- Yellow (31%)
- Blue (54%)



- Cyan (93%)
- Magenta (0%)
- Yellow (12%)
- Black (46%)



- Cyan (96%)
- Magenta (46%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.7900, 11.4425, -76.9918 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 96.7900, 11.4425, -76.9918 by changing the saturation by 10% instead.

■ 96.7900, 11.4425,
-76.9918

■ 96.7900, 11.4425,
-76.9918

■ 255.0000, 0.0000,
0.0000

■ 75.9870, 9.3734,
-66.6406

■ 157.4390, 7.1786,
-62.6520

■ 58.6900, 6.5618,
-51.4711

■ 185.6240, 6.5944,
-61.9372

■ 41.9800, 3.4609,
-36.8165

■ 214.6240, 6.5944,
-61.9372

■ 26.6720, 0.6547,
-23.3913

■ 230.1830, 12.2348,
-51.0265

■ 4.4510, -0.7153,
-3.9035

■ 239.1530, 7.8126,
-32.5832

■ 0.0000, 0.0000,
0.0000

■ 247.8240, 3.5378,

-14.7546

■ 96.7900, 11.4425,
-76.9918

■ 96.7900, 11.4425,
-76.9918

■ 93.9850, 12.3324,
-82.4248

■ 101.2040, 10.2524,
-68.5849

■ 105.3190, 9.2097,
-60.7928

■ 109.6190, 7.5828,
-52.2859

■ 114.0330, 6.3927,
-43.8789

■ 118.4470, 5.2026,
-35.4720

■ 122.5620, 4.1599,
-27.6799

■ 126.9760, 2.9698,
-19.2730

■ 131.3900, 1.7797,
-10.8660

■ 135.3910, 0.3002,
-2.9739

Harmonies

Analogous

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



110.7450, -10.2273, -33.1024



96.7900, 11.4425, -76.9918



97.5190, 25.8731, -85.5242

Triad

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



96.7900, 11.4425, -76.9918



123.5310, 24.8812, -0.4657



121.1130, -24.7057, 37.6119

Complementary

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



96.7900, 11.4425, -76.9918



49.2100, -11.4425, 76.9918

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.



122.3390, -13.9711, 47.9377



96.7900, 11.4425, -76.9918



125.0310, 13.2957, 28.9138

Square

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



96.7900, 11.4425, -76.9918



115.2380, 32.4207, -38.7967



123.5850, -0.2884, 45.9680



119.5530, -28.8666, 18.8090

Rectangle

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



96.7900, 11.4425, -76.9918



97.5820, 33.7301, -85.5794



123.5850, -0.2884, 45.9680



121.8300, -22.1012, 42.2451

Sweetspot

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



96.7900, 11.4425, -76.9918



163.2520, 4.3128, -30.0390



89.2190, -39.5480, -55.4431



79.5740, 2.6750, -18.0434



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



96.7900, 11.4425, -76.9918



122.7430, 15.9027, -107.6456



71.1390, 32.4695, -54.4959



66.7930, 0.5951, -4.2035



91.1810, 11.7428, -79.9657



3.3910, 0.3002, -2.9739

Inverse Universe

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



49.2100, -11.4425, 76.9918



56.2570, -15.9027, 107.6456



74.8610, -32.4695, 54.4959



64.2070, -0.5951, 4.2035



41.8190, -11.7428, 79.9657



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 96.7900, 11.4425, -76.9918 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 96.7900, 11.4425, -76.9918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

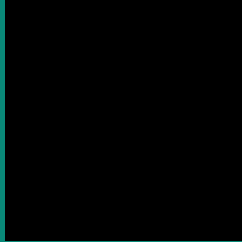
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 96.7900, 11.4425, -76.9918

Background



This preview shows how black text looks on a background with the YUV color 96.7900, 11.4425, -76.9918.



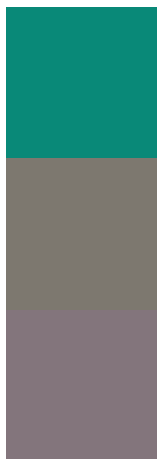
This preview shows how white text looks on a background with the YUV color 96.7900, 11.4425, -76.9918.

-76.9918.

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

96.7900, 11.4425, -76.9918

Protanopia

120.4690, -4.6682, 3.9737

Deuteranopia

121.9840, 0.9939, 7.9070



Tritanopia

106.1370, 18.6665, -60.6331

Trichromacy



Original Color

96.7900, 11.4425, -76.9918

Protanomaly

111.7750, 1.0969, -25.2357

Deuteranomaly

112.8230, 5.0173, -22.6468

Tritanomaly

102.7080, 15.9200, -66.3959

Monochromacy



Original Color

96.7900, 11.4425, -76.9918

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.1490, 3.8705, -28.1947

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.7900, 11.4425, -76.9918 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(9, 137, 120)` looks like.

```
.text, #text, p{  
    color:rgb(9, 137, 120)  
}
```

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(9, 137, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 137, 120) }
```

Border

The CSS property to change the border of an element to YUV 96.7900, 11.4425, -76.9918 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(9, 137, 120) }
```


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

```
.border{ border-color:rgb(9, 137, 120) }
```

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

Here you see how a box with a 4 pixel rgb(9, 137, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 137, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 137, 120);  
box-shadow:4px 4px 4px 4px rgb(9, 137,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 96.7900, 11.4425, -76.9918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 137, 120) }
```

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

```
.background{ background-color: rgb(9, 137,  
120) }
```

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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