

Converting Colors

YUV(108.7440, 1.1122,
-76.9515)

Have a look what the booklet for
YUV(108.7440, 1.1122, -76.9515)
contains.

YUV(108.7440, 1.1122, -76.9515)	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(108.7440, 1.1122,
-76.9515)**

Conversions

Conversions Part 1

Format	Color
Hex	15996F
RGB	21, 153, 111
RGB Percent	8%, 60%, 44%
CMY	0.9176, 0.4000, 0.5647
CMYK	0.86, 0.00, 0.27, 0.40
HSL	161°, 76%, 34%
HSV	161°, 86%, 60%
XYZ	14.5697, 24.0896, 18.9208
YIQ	108.7440, -65.1900, -41.0460

Conversions

Conversions Part 2

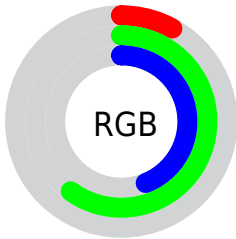
Format	Color
R_{YB}	21, 99, 153
Decimal	1415535
CIE _{Lab}	56.18, -43.52, 12.84
CIE _{LCh}	56, 45.371, 163.564
Yxy	24.0896, 0.2530, 0.4184
Android (android.graphics.Color)	4279605615 (0xFF15996F)
YUV	108.7440, 1.1122, -76.9515
Hunter-Lab	49.0811, -32.9043, 11.5005

Details

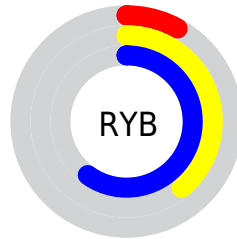
The YUV color **108.7440, 1.1122, -76.9515** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **65.2560, -1.1122, 76.9515**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.4850, -2.7041, -66.2003**, and **66.4690, -1.7102, -58.2933** is the 20% darker color. If you saturate the color by 10%, you get **103.6890, 1.1393, -85.6733**, and if you desaturate by 10%, it is **113.7990, 1.0851, -68.2297**.

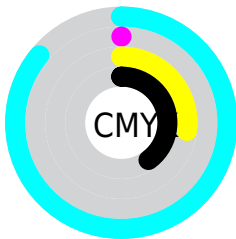
Distribution



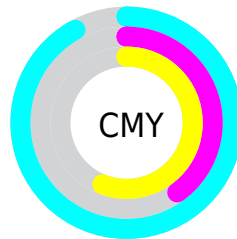
- Red (8%)
- Green (60%)
- Blue (44%)



- Red (8%)
- Yellow (39%)
- Blue (60%)



- Cyan (86%)
- Magenta (0%)
- Yellow (27%)
- Black (40%)



- Cyan (92%)
- Magenta (40%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.7440, 1.1122, -76.9515 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 108.7440, 1.1122, -76.9515 by changing the saturation by 10% instead.

■ 108.7440, 1.1122,
-76.9515

■ 108.7440, 1.1122,
-76.9515

■ 255.0000, 0.0000,
0.0000

■ 83.8800, 1.5382,
-73.5628

■ 168.4850, -2.7041,
-66.2003

■ 66.4690, -1.7102,
-58.2933

■ 197.2570, -3.5777,
-66.0004

■ 49.2860, -4.0850,
-43.2238

■ 219.6860, -0.8312,
-60.2376

■ 32.8040, -6.3124,
-28.7691

■ 231.5490, 7.1243,
-45.2085

■ 17.6100, -8.6817,
-15.4440

■ 241.5450, 6.6333,
-27.6650

■ 0.0000, 0.0000,
0.0000

■ 250.2160, 2.3585,

-9.8364

■ 108.7440, 1.1122,
-76.9515

■ 108.7440, 1.1122,
-76.9515

■ 103.6890, 1.1393,
-85.6733

■ 113.7990, 1.0851,
-68.2297

■ 101.6670, 1.1502,
-89.1620

■ 119.1530, 0.9106,
-58.8932

■ 124.2080, 0.8835,
-50.1714

■ 129.1490, 0.4195,
-41.3497

■ 134.5030, 0.2450,
-32.0131

■ 139.5580, 0.2179,
-23.2914

■ 144.6130, 0.1908,
-14.5696

■ 149.6680, 0.1637,
-5.8478

■ 155.0220, -0.0108,
3.4887

Harmonies

Analogous

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



124.1300, -24.2211, -24.6700



108.7440, 1.1122, -76.9515



108.3130, 21.5377, -94.9905

Triad

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



108.7440, 1.1122, -76.9515



131.7260, 39.0821, -28.7007



133.7180, -25.4970, 58.1293

Complementary

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



108.7440, 1.1122, -76.9515



65.2560, -1.1122, 76.9515

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.



134.9310, -8.3470, 64.0815



108.7440, 1.1122, -76.9515



138.7060, 26.2739, 19.5518

Square

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



108.7440, 1.1122, -76.9515



109.0550, 49.7659, -95.6412



137.6640, 10.0256, 51.1607



132.1980, -37.0726, 37.5374

Rectangle

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



108.7440, 1.1122, -76.9515



109.9890, 33.0364, -96.4604



137.6640, 10.0256, 51.1607



134.1190, -20.2717, 62.1626

Sweetspot

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



108.7440, 1.1122, -76.9515



181.5140, 0.2396, -30.2688



111.6400, -44.6855, -40.9033



89.0040, 0.4910, -17.5435



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



108.7440, 1.1122, -76.9515



132.3170, 1.8157, -116.0420



100.6180, 25.8243, -69.8250



74.2660, -0.1311, -4.6183



93.1240, 1.4179, -81.6697



8.6570, 0.1691, -7.5922

Inverse Universe

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



65.2560, -1.1122, 76.9515



66.6830, -1.8157, 116.0420



73.3820, -25.8243, 69.8250



71.6200, -0.3057, 4.7183



46.9900, -0.9811, 81.5698



4.3430, -0.1691, 7.5922

Previews

White Background



This preview shows how the YUV color 108.7440, 1.1122, -76.9515 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 108.7440, 1.1122, -76.9515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

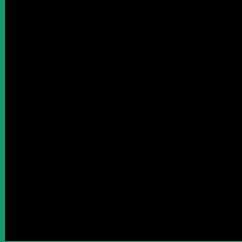
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 108.7440, 1.1122, -76.9515

Background



This preview shows how black text looks on a background with the YUV color 108.7440, 1.1122, -76.9515.



This preview shows how white text looks on a background with the YUV color 108.7440, 1.1122, -76.9515.

-76.9515.

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

108.7440, 1.1122, -76.9515

Protanopia

133.0430, -15.3042, 8.7323

Deuteranopia

134.6940, -9.2161, 16.0544



Tritanopia

120.2620, 19.0978, -58.9888

Trichromacy



Original Color

108.7440, 1.1122, -76.9515



Protanomaly

124.3380, -9.5336, -22.2214



Deuteranomaly

125.3970, -5.6187, -17.8882



Tritanomaly

115.9100, 12.8624, -65.6961

Monochromacy



Original Color

108.7440, 1.1122, -76.9515



Achromatopsia

109.0000, 0.0000, 0.0000



Achromatomaly

108.9380, 0.5236, -28.0096

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.7440, 1.1122, -76.9515 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(21, 153, 111)` looks like.

```
.text, #text, p{  
    color:rgb(21, 153, 111)  
}
```

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(21, 153, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 153, 111) }
```

Border

The CSS property to change the border of an element to YUV 108.7440, 1.1122, -76.9515 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(21, 153, 111) }
```


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

```
.border{ border-color:rgb(21, 153, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 153, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 153, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 153, 111);  
box-shadow:4px 4px 4px 4px rgb(21, 153,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 108.7440, 1.1122, -76.9515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 153, 111) }
```

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

```
.background{ background-color: rgb(21, 153,  
111) }
```

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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