

Converting Colors

YUV(152.9880, -15.2771,
0.0105)

Have a look what the booklet for
YUV(152.9880, -15.2771, 0.0105)
contains.

YUV(152.9880, -15.2771, 0.0105)	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(152.9880, -15.2771,
0.0105)**

Conversions

Conversions Part 1

Format	Color
Hex	999F7A
RGB	153, 159, 122
RGB Percent	60%, 62%, 48%
CMY	0.4000, 0.3765, 0.5216
CMYK	0.04, 0.00, 0.23, 0.38
HSL	70°, 16%, 55%
HSV	70°, 23%, 62%
XYZ	29.0479, 32.9737, 23.2459
YIQ	152.9880, 8.3010, -12.7790

Conversions

Conversions Part 2

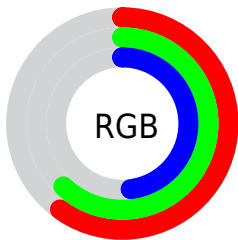
Format	Color
RYB	122, 159, 128
Decimal	10067834
CIELab	64.14, -8.64, 18.64
CIELCh	64, 20.542, 114.865
Yxy	32.9737, 0.3407, 0.3867
Android (android.graphics.Color)	4288257914 (0xFF999F7A)
YUV	152.9880, -15.2771, 0.0105
Hunter-Lab	57.4227, -10.1938, 16.1941

Details

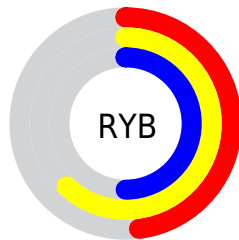
The YUV color $152.9880, -15.2771, 0.0105$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $128.0120, 15.2771, -0.0105$, and the grayscale version is $153.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $207.7600, -16.1507, 0.2105$, and $102.2160, -14.4035, -0.1894$ is the 20% darker color. If you saturate the color by 10%, you get $150.2670, -21.8236, -0.2342$, and if you desaturate by 10%, it is $155.7090, -8.7305, 0.2552$.

Distribution



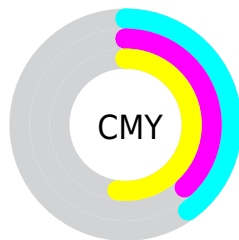
- Red (60%)
- Green (62%)
- Blue (48%)



- Red (48%)
- Yellow (62%)
- Blue (50%)



- Cyan (4%)
- Magenta (0%)
- Yellow (23%)
- Black (38%)



- Cyan (40%)
- Magenta (38%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.9880, -15.2771, 0.0105 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 152.9880, -15.2771, 0.0105 by changing the saturation by 10% instead.

■ 152.9880,
-15.2771, 0.0105

■ 152.9880,
-15.2771, 0.0105

■ 255.0000, 0.0000,
0.0000

■ 127.1020,
-14.8403, -0.0895

■ 207.7600,
-16.1507, 0.2105

■ 102.2160,
-14.4035, -0.1894

■ 235.6460,
-16.5875, 0.3105

■ 77.4440, -13.5299,
-0.3894

■ 252.1500,
-10.9200, 2.4994

■ 54.6720, -12.6563,
-0.5893

■ 33.3300, -13.9667,
-0.2894

■ 11.4520, -5.6458,
-9.1664

■ 0.0000, 0.0000,

0.0000

■ 152.9880,
-15.2771, 0.0105

■ 152.9880,
-15.2771, 0.0105

■ 150.2670,
-21.8236, -0.2342

■ 155.7090, -8.7305,
0.2552

■ 147.8450,
-28.5176, 0.1359

■ 158.1310, -2.0366,
-0.1149

■ 145.1240,
-35.0641, -0.1087

■ 160.8520, 4.5100,
0.1298

■ 142.7020,
-41.7581, 0.2613

■ 163.2740, 11.2039,
-0.2403

■ 140.0950,
-47.8678, -0.0833

■ 165.9950, 17.7505,
0.0044

■ 137.6730,
-54.5618, 0.2868

■ 168.3030, 24.0076,
-0.2657

■ 134.9520,
-61.1083, 0.0421

■ 171.0240, 30.5542,
-0.0210

■ 133.1000,
-65.6183, -0.0877

■ 173.7450, 37.1007,
0.2236

■ 175.0270, 39.4267,
0.8533

Harmonies

Analogous

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



154.8050, -17.6519, 15.0800



152.9880, -15.2771, 0.0105



150.4250, -8.0975, -16.1587

Triad

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



152.9880, -15.2771, 0.0105



149.6610, 17.4221, -34.7827



158.8770, 0.0606, 27.2949

Complementary

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



152.9880, -15.2771, 0.0105



128.0120, 15.2771, -0.0105

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.



158.5040, 9.1185, 15.3440



152.9880, -15.2771, 0.0105



153.5040, 18.9785, -20.6130

Square

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



152.9880, -15.2771, 0.0105



147.9180, 10.8864, -38.5161



156.8160, 15.8667, -2.4696



157.7220, -8.2439, 30.9388

Rectangle

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



152.9880, -15.2771, 0.0105



148.9660, -1.9552, -26.2802



156.8160, 15.8667, -2.4696



158.4790, 3.7079, 24.1359

Sweetspot

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



152.9880, -15.2771, 0.0105



204.3930, -6.1097, -0.3447



136.5850, -7.1904, 19.6580



103.3760, -3.6364, -0.3298



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



152.9880, -15.2771, 0.0105



197.3980, -23.8602, -0.3490



147.6060, -12.6238, -11.0555



77.7890, -3.3470, 0.1850



119.8210, -59.0718, 0.1570



12.6920, -6.2572, 0.2701

Inverse Universe

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



128.0120, 15.2771, -0.0105



158.3030, 24.0076, -0.2657



133.3940, 12.6238, 11.0555



72.2110, 3.3470, -0.1850



23.1790, 59.0718, -0.1570



2.3080, 6.2572, -0.2701

Previews

White Background



This preview shows how the YUV color 152.9880, -15.2771, 0.0105 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 152.9880, -15.2771, 0.0105 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 ✓ Pass

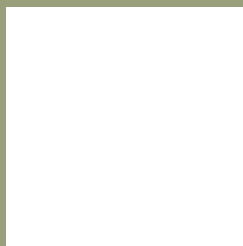
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 152.9880, -15.2771, 0.0105

Background



This preview shows how black text looks on a background with the YUV color 152.9880, -15.2771, 0.0105.



This preview shows how white text looks on a background with the YUV color 152.9880, -15.2771,

0.0105.

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

152.9880, -15.2771, 0.0105

Protanopia

154.2990, -16.9094, 10.2618

Deuteranopia

155.7180, -15.6370, 22.1723



Tritanopia

156.1620, 4.3571, 2.4889

Trichromacy



Original Color

152.9880, -15.2771, 0.0105

Protanomaly

153.5050, -16.0250, 6.5731

Deuteranomaly

154.9620, -15.7573, 14.0653

Tritanomaly

154.9140, -2.9156, 1.8294

Monochromacy



Original Color

152.9880, -15.2771, 0.0105

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

152.9200, -5.3836, 0.0702

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.9880, -15.2771, 0.0105 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(153, 159, 122)` looks like.

```
.text, #text, p{  
    color:rgb(153, 159, 122)  
}
```

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(153, 159, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 159, 122) }
```

Border

The CSS property to change the border of an element to YUV 152.9880, -15.2771, 0.0105 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(153, 159, 122) }
```


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

```
.border{ border-color:rgb(153, 159, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 159, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 159, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 159, 122);  
box-shadow:4px 4px 4px 4px rgb(153, 159,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 152.9880, -15.2771, 0.0105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 159, 122) }
```

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

```
.background{ background-color: rgb(153,  
159, 122) }
```

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