

Converting Colors

YUV(158.3010, -10.0084,
-9.9110)

Have a look what the booklet for
YUV(158.3010, -10.0084, -9.9110)
contains.

YUV(158.3010, -10.0084, -9.9110)	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(158.3010, -10.0084,
-9.9110)**

Conversions

Conversions Part 1

Format	Color
Hex	93A88A
RGB	147, 168, 138
RGB Percent	58%, 66%, 54%
CMY	0.4235, 0.3412, 0.4588
CMYK	0.13, 0.00, 0.18, 0.34
HSL	102°, 15%, 60%
HSV	102°, 18%, 66%
XYZ	30.6227, 36.0433, 29.3878
YIQ	158.3010, -2.8860, -13.7820

Conversions

Conversions Part 2

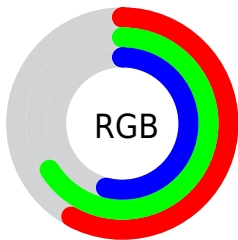
Format	Color
RYB	138, 168, 159
Decimal	9676938
CIELab	66.55, -13.06, 13.08
CIElCh	67, 18.485, 134.952
Yxy	36.0433, 0.3188, 0.3752
Android (android.graphics.Color)	4287867018 (0xFF93A88A)
YUV	158.3010, -10.0084, -9.9110
Hunter-Lab	60.0361, -14.0153, 13.0026

Details

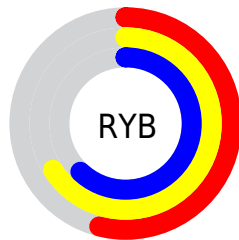
The YUV color **158.3010, -10.0084, -9.9110** is a light color, and the websafe version is hex **999966**. A complement of this color would be **147.6990, 10.0084, 9.9110**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.7740, -10.7346, -10.3258**, and **106.8280, -9.2822, -9.4962** is the 20% darker color. If you saturate the color by 10%, you get **152.7750, -15.6651, -15.5887**, and if you desaturate by 10%, it is **163.8270, -4.3517, -4.2333**.

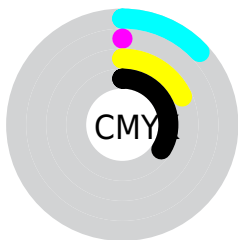
Distribution



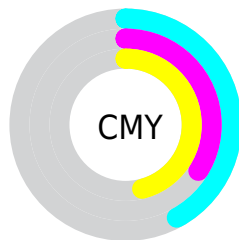
- Red (58%)
- Green (66%)
- Blue (54%)



- Red (54%)
- Yellow (66%)
- Blue (62%)



- Cyan (13%)
- Magenta (0%)
- Yellow (18%)
- Black (34%)



- Cyan (42%)
- Magenta (34%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.3010, -10.0084, -9.9110 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 158.3010, -10.0084, -9.9110 by changing the saturation by 10% instead.

■ 158.3010,
-10.0084, -9.9110

■ 158.3010,
-10.0084, -9.9110

255.0000, 0.0000,
0.0000

■ 132.4150, -9.5716,
-10.0110

■ 212.7740,
-10.7346, -10.3258

■ 106.8280, -9.2822,
-9.4962

■ 241.3610,
-11.0240, -10.8406

■ 82.3550, -8.5560,
-9.0813

■ 254.2020, -3.0576,
0.6998

■ 59.3550, -8.5560,
-9.0813

■ 37.2950, -7.5404,
-8.1517

■ 15.5720, -7.6770,
-11.0256

■ 0.0000, 0.0000,

0.0000

■ 158.3010,
-10.0084, -9.9110

■ 158.3010,
-10.0084, -9.9110

■ 152.7750,
-15.6651, -15.5887

■ 163.8270, -4.3517,
-4.2333

■ 147.2490,
-21.3218, -21.2664

■ 169.3530, 1.3050,
1.4444

■ 142.1360,
-26.6890, -26.4293

■ 174.4660, 6.6723,
6.6073

■ 136.6100,
-32.3457, -32.1070

■ 179.9920, 12.3289,
12.2850

■ 131.0840,
-38.0024, -37.7847

■ 185.5180, 17.9856,
17.9627

■ 125.5580,
-43.6591, -43.4624

■ 191.0440, 23.6423,
23.6404

■ 120.3310,
-49.4632, -48.5253

■ 196.1570, 29.0096,
28.8033

■ 114.9190,
-54.6831, -54.3030

■ 199.7450, 27.2407,
36.1806

■ 113.5660,
-55.9880, -55.7474

■ 203.3330, 25.4718,
43.5580

Harmonies

Analogous

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



160.1350, -14.8566, 5.1436



158.3010, -10.0084, -9.9110



156.3900, -1.6713, -24.0210

Triad

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



158.3010, -10.0084, -9.9110



159.2110, 16.6580, -22.9870



164.2100, -5.0335, 27.8798

Complementary

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



158.3010, -10.0084, -9.9110



147.6990, 10.0084, 9.9110

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.



164.9410, 2.9871, 21.9767



158.3010, -10.0084, -9.9110



162.0820, 15.7356, -7.0879

Square

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



158.3010, -10.0084, -9.9110



156.4610, 14.0697, -32.8533



164.4000, 10.1558, 9.2962



163.6630, -12.1589, 26.6055

Rectangle

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



158.3010, -10.0084, -9.9110



155.8390, 4.0234, -30.5538



164.4000, 10.1558, 9.2962



164.5950, -2.2653, 26.6652

Sweetspot

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



158.3010, -10.0084, -9.9110



215.6530, -3.7729, -3.2037



159.2970, -10.4994, 7.6325



107.7070, -2.3206, -2.3740



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



158.3010, -10.0084, -9.9110



204.1880, -15.3757, -15.0739



156.2940, -6.0609, -16.0438



81.2940, -2.6099, -2.8888



100.0320, -49.3158, -49.1401



13.5340, -6.6723, -6.6073

Inverse Universe

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



147.6990, 10.0084, 9.9110



187.8120, 15.3757, 15.0739



149.7060, 6.0609, 16.0438



78.7060, 2.6099, 2.8888



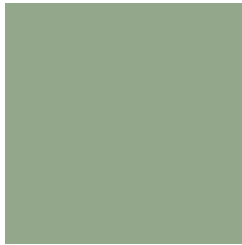
47.9680, 49.3158, 49.1401



6.4660, 6.6723, 6.6073

Previews

White Background



This preview shows how the YUV color 158.3010, -10.0084, -9.9110 looks on a white background.

Color Contrast Check

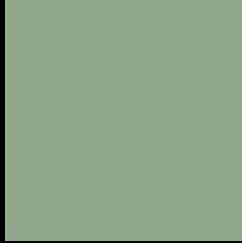
Large Text (above 18pt) WCAG AA × Fail

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 158.3010, -10.0084, -9.9110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

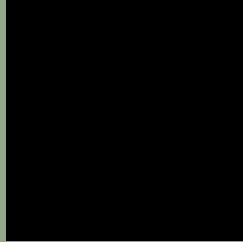
Any Text WCAG AA ✓ Pass

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 158.3010, -10.0084, -9.9110 Background



This preview shows how black text looks on a background with the YUV color 158.3010, -10.0084, -9.9110.



This preview shows how white text looks on a background with the YUV color 158.3010, -10.0084, -9.9110.

-9.9110.

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

158.3010, -10.0084, -9.9110

Protanopia

161.0260, -12.8308, 8.7472

Deuteranopia

162.9610, -10.8268, 19.3282



Tritanopia

161.4920, 7.1524, -7.4475

Trichromacy



Original Color

158.3010, -10.0084, -9.9110

Protanomaly

160.2100, -11.9355, 1.5698

Deuteranomaly

161.0090, -10.3574, 8.7621

Tritanomaly

160.4720, 0.7533, -8.3069

Monochromacy



Original Color

158.3010, -10.0084, -9.9110

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

158.3540, -3.6255, -3.8185

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.3010, -10.0084, -9.9110 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(147, 168, 138)` looks like.

```
.text, #text, p{  
    color:rgb(147, 168, 138)  
}
```

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(147, 168, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 168, 138) }
```

Border

The CSS property to change the border of an element to YUV 158.3010, -10.0084, -9.9110 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(147, 168, 138) }
```


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

```
.border{ border-color:rgb(147, 168, 138) }
```

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

Here you see how a box with a 4 pixel rgb(147, 168, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 168, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 168, 138);  
box-shadow:4px 4px 4px 4px rgb(147, 168,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 158.3010, -10.0084, -9.9110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 168, 138) }
```

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

```
.background{ background-color: rgb(147,  
168, 138) }
```

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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