

Converting Colors

YUV(158.4450, -15.0094,
7.5027)

Have a look what the booklet for
YUV(158.4450, -15.0094, 7.5027)
contains.

YUV(158.4450, -15.0094, 7.5027)	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(158.4450, -15.0094,
7.5027)**

Conversions

Conversions Part 1

Format	Color
Hex	A7A080
RGB	167, 160, 128
RGB Percent	65%, 63%, 50%
CMY	0.3451, 0.3725, 0.4980
CMYK	0.00, 0.04, 0.23, 0.35
HSL	49°, 18%, 58%
HSV	49°, 23%, 65%
XYZ	32.4034, 34.9156, 25.4536
YIQ	158.4450, 14.4440, -8.4680

Conversions

Conversions Part 2

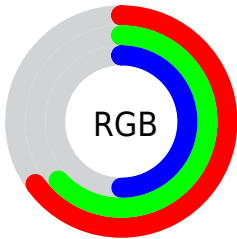
Format	Color
RYB	137, 167, 128
Decimal	10985600
CIELab	65.68, -2.79, 17.63
CIELCh	66, 17.848, 98.995
Yxy	34.9156, 0.3493, 0.3764
Android (android.graphics.Color)	4289175680 (0xFFA7A080)
YUV	158.4450, -15.0094, 7.5027
Hunter-Lab	59.0894, -5.5208, 15.8226

Details

The YUV color **158.4450, -15.0094, 7.5027** is a light color, and the websafe version is hex **999966**. A complement of this color would be **136.5550, 15.0094, -7.5027**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.2170, -15.8830, 7.7027**, and **107.3740, -13.9884, 6.6880** is the 20% darker color. If you saturate the color by 10%, you get **154.7460, -21.5668, 10.7468**, and if you desaturate by 10%, it is **162.1440, -8.4520, 4.2587**.

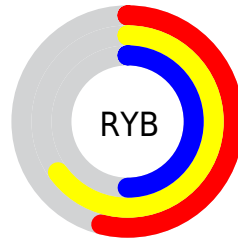
Distribution



Red (65%)

Green (63%)

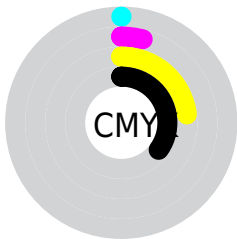
Blue (50%)



Red (54%)

Yellow (65%)

Blue (50%)

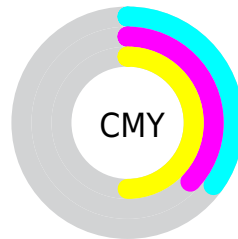


Cyan (0%)

Magenta (4%)

Yellow (23%)

Black (35%)



Cyan (35%)

Magenta (37%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.4450, -15.0094, 7.5027 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 158.4450, -15.0094, 7.5027 by changing the saturation by 10% instead.

■ 158.4450,
-15.0094, 7.5027

■ 158.4450,
-15.0094, 7.5027

255.0000, 0.0000,
0.0000

■ 132.2600,
-14.4252, 6.7880

■ 213.2170,
-15.8830, 7.7027

■ 107.3740,
-13.9884, 6.6880

■ 241.5160,
-16.0304, 8.3175

■ 82.6020, -13.1148,
6.4880

■ 252.9480, -7.8624,
1.7996

■ 59.4170, -12.5306,
5.7733

■ 37.7050, -12.6726,
4.6437

■ 17.4320, -8.5940,
3.1291

■ 0.0000, 0.0000,

0.0000

■ 158.4450,
-15.0094, 7.5027

■ 158.4450,
-15.0094, 7.5027

■ 154.7460,
-21.5668, 10.7468

■ 162.1440, -8.4520,
4.2587

■ 151.1610,
-27.6874, 13.8908

■ 165.7290, -2.3314,
1.1147

■ 147.4620,
-34.2448, 17.1348

■ 169.4280, 4.2260,
-2.1294

■ 143.7630,
-40.8022, 20.3788

■ 173.1270, 10.7834,
-5.3734

■ 140.1780,
-46.9228, 23.5229

■ 176.7120, 16.9040,
-8.5174

■ 136.4790,
-53.4801, 26.7669

■ 180.4110, 23.4614,
-11.7614

■ 132.7800,
-60.0375, 30.0109

■ 184.1100, 30.0188,
-15.0055

■ 130.3520,
-64.2635, 32.1403

■ 187.0110, 33.5186,
-17.5496

■ 188.7720, 32.6504,
-19.0940

Harmonies

Analogous

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



160.2230, -14.8999, 19.0984



158.4450, -15.0094, 7.5027



156.6820, -11.1822, -6.7371

Triad

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



158.4450, -15.0094, 7.5027



154.0050, 12.3225, -32.4534



162.5600, 4.1609, 18.8029

Complementary

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



158.4450, -15.0094, 7.5027



136.5550, 15.0094, -7.5027

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.



161.6060, 11.0402, 5.6075



158.4450, -15.0094, 7.5027



156.0860, 16.2266, -24.6314

Square

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



158.4450, -15.0094, 7.5027



153.4800, 5.1864, -30.2390



159.3590, 15.5990, -9.9618



161.9540, -3.4283, 26.3503

Rectangle

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



158.4450, -15.0094, 7.5027



155.2940, -6.0609, -16.0438



159.3590, 15.5990, -9.9618



162.5210, 6.6451, 15.3291

Sweetspot

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



158.4450, -15.0094, 7.5027



213.5290, -5.6838, 3.0441



140.4590, -2.6913, 23.2765



107.8000, -3.3524, 1.9294



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.



158.4450, -15.0094, 7.5027



203.5890, -23.4614, 11.7614



158.9660, -15.2662, -3.4782



82.5010, -3.2050, 1.3146



115.2790, -56.8325, 28.6963



15.9590, -7.8678, 3.5440

Inverse Universe

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



136.5550, 15.0094, -7.5027



169.4110, 23.4614, -11.7614



136.0340, 15.2662, 3.4782



77.4990, 3.2050, -1.3146



32.7210, 56.8325, -28.6963



4.6280, 7.5784, -4.0588

Previews

White Background



This preview shows how the YUV color 158.4450, -15.0094, 7.5027 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 158.4450, -15.0094, 7.5027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

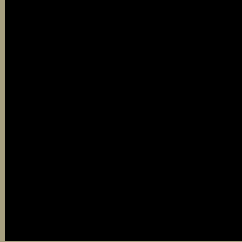
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.4450, -15.0094, 7.5027

Background



This preview shows how black text looks on a background with the YUV color 158.4450, -15.0094, 7.5027.



This preview shows how white text looks on a background with the YUV color 158.4450, -15.0094, 7.5027.

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

158.4450, -15.0094, 7.5027

Protanopia

158.4560, -15.0148, 9.2471

Deuteranopia

159.8320, -15.2002, 22.0723



Tritanopia

161.4510, 2.7357, 9.2515

Trichromacy



Original Color

158.4450, -15.0094, 7.5027

Protanomaly

158.1570, -14.8674, 8.6323

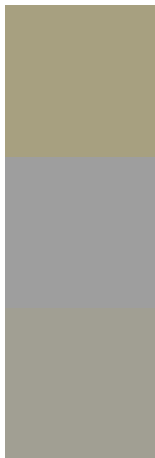
Deuteranomaly

159.5000, -15.0365, 16.2245

Tritanomaly

160.4310, -3.6635, 8.3920

Monochromacy



Original Color

158.4450, -15.0094, 7.5027

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

158.2300, -5.5364, 2.4293

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.4450, -15.0094, 7.5027 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(167, 160, 128)` looks like.

```
.text, #text, p{  
    color:rgb(167, 160, 128)  
}
```

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(167, 160, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 160, 128) }
```

Border

The CSS property to change the border of an element to YUV 158.4450, -15.0094, 7.5027 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(167, 160, 128) }
```


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

```
.border{ border-color:rgb(167, 160, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 160, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 160, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 160, 128);  
box-shadow:4px 4px 4px 4px rgb(167, 160,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 158.4450, -15.0094, 7.5027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 160, 128) }
```

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

```
.background{ background-color: rgb(167,  
160, 128) }
```

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