

Converting Colors

YUV(94.7850, -7.7820, -70.8484)

Have a look what the booklet for
YUV(94.7850, -7.7820, -70.8484)
contains.

YUV(94.7850, -7.7820, -70.8484)	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(94.7850, -7.7820,
-70.8484)**

Conversions

Conversions Part 1

Format	Color
Hex	0E8B4F
RGB	14, 139, 79
RGB Percent	5%, 55%, 31%
CMY	0.9451, 0.4549, 0.6902
CMYK	0.90, 0.00, 0.43, 0.45
HSL	151°, 82%, 30%
HSV	151°, 90%, 55%
XYZ	10.8250, 19.1231, 10.5177
YIQ	94.7850, -55.2400, -45.1600

Conversions

Conversions Part 2

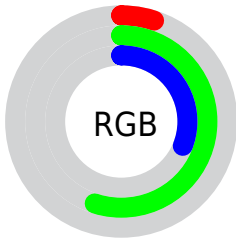
Format	Color
RYB	14, 96, 139
Decimal	953167
CIELab	50.83, -45.70, 23.46
CIELCh	51, 51.371, 152.828
Yxy	19.1231, 0.2675, 0.4726
Android (android.graphics.Color)	4279143247 (0xFF0E8B4F)
YUV	94.7850, -7.7820, -70.8484
Hunter-Lab	43.7300, -32.3412, 16.3508

Details

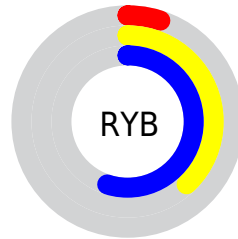
The YUV color **94.7850, -7.7820, -70.8484** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **58.2150, 7.7820, 70.8484**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.2980, -12.4719, -59.8973**, and **54.8310, -10.7627, -48.0868** is the 20% darker color. If you saturate the color by 10%, you get **89.8010, -8.7759, -78.7555**, and if you desaturate by 10%, it is **99.7690, -6.7881, -62.9414**.

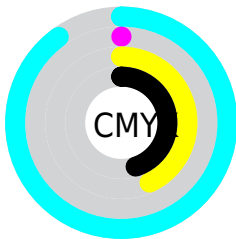
Distribution



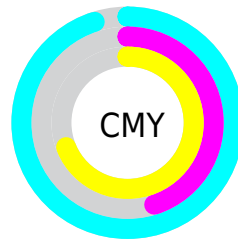
- Red (5%)
- Green (55%)
- Blue (31%)



- Red (5%)
- Yellow (38%)
- Blue (55%)



- Cyan (90%)
- Magenta (0%)
- Yellow (43%)
- Black (45%)



- Cyan (95%)
- Magenta (45%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.7850, -7.7820, -70.8484 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 94.7850, -7.7820, -70.8484 by changing the saturation by 10% instead.

■ 94.7850, -7.7820,
-70.8484

■ 94.7850, -7.7820,
-70.8484

■ 255.0000, 0.0000,
0.0000

■ 72.7150, -8.2405,
-63.7711

■ 154.2980,
-12.4719, -59.8973

■ 54.8310, -10.7627,
-48.0868

■ 182.3690,
-13.4929, -59.0826

■ 38.2350, -13.4269,
-33.5321

■ 210.8420,
-14.2191, -59.4974

■ 24.6540, -12.1544,
-21.6216

■ 225.0530, -7.4211,
-46.5275

■ 3.5220, -1.7363,
-3.0888

■ 236.9160, 0.5344,
-31.4983

■ 0.0000, 0.0000,
0.0000

■ 247.5250, 3.6852,

-15.3694

■ 94.7850, -7.7820,
-70.8484

■ 94.7850, -7.7820,
-70.8484

■ 89.8010, -8.7759,
-78.7555

■ 99.7690, -6.7881,
-62.9414

■ 104.6390, -6.2310,
-54.9344

■ 109.6230, -5.2371,
-47.0274

■ 114.6070, -4.2433,
-39.1203

■ 119.4770, -3.6862,
-31.1133

■ 124.1620, -2.5449,
-23.8211

■ 129.1460, -1.5510,
-15.9140

■ 134.0160, -0.9939,
-7.9070

■ 139.0000, 0.0000,
0.0000

Harmonies

Analogous

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



110.5630, -34.2946, -13.6488



94.7850, -7.7820, -70.8484



97.4900, 13.0694, -85.4987

Triad

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



94.7850, -7.7820, -70.8484



97.2010, 55.1169, -85.2453



118.6360, -21.0195, 68.7252

Complementary

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



94.7850, -7.7820, -70.8484



58.2150, 7.7820, 70.8484

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.



119.4400, -0.2169, 69.7741



94.7850, -7.7820, -70.8484



123.5990, 35.2007, 2.9827

Square

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



94.7850, -7.7820, -70.8484



102.5180, 47.5656, -89.9083



123.6340, 18.9144, 46.8020



118.0470, -37.9842, 49.9478

Rectangle

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



94.7850, -7.7820, -70.8484



100.9100, 26.1734, -88.4981



123.6340, 18.9144, 46.8020



118.7810, -14.1890, 71.2291

Sweetspot

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



94.7850, -7.7820, -70.8484



163.7270, -2.8234, -27.8246



105.3150, -45.0183, -27.4633



81.4340, -1.6930, -17.0436



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



94.7850, -7.7820, -70.8484



116.9630, -11.3208, -102.5766



100.4510, 19.0047, -75.8175



66.5650, -0.2785, -4.0035



85.9370, -8.3499, -75.3667



3.2770, -0.1366, -2.8739

Inverse Universe

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



58.2150, 7.7820, 70.8484



64.0370, 11.3208, 102.5766



52.5490, -19.0047, 75.8175



64.4350, 0.2785, 4.0035



47.0630, 8.3499, 75.3667



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 94.7850, -7.7820, -70.8484 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 94.7850, -7.7820, -70.8484 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 94.7850, -7.7820, -70.8484

Background



This preview shows how black text looks on a background with the YUV color 94.7850, -7.7820, -70.8484.



This preview shows how white text looks on a background with the YUV color 94.7850, -7.7820, -70.8484.

-70.8484.

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

94.7850, -7.7820, -70.8484

Protanopia

118.1160, -22.7352, 12.1763

Deuteranopia

119.9520, -17.2313, 20.2131



Tritanopia

109.5190, 16.0131, -49.5672

Trichromacy



Original Color

94.7850, -7.7820, -70.8484



Protanomaly

109.7100, -17.1120, -18.1627



Deuteranomaly

110.9540, -13.7813, -13.1147



Tritanomaly

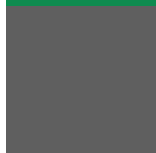
104.4720, 7.1623, -57.4189

Monochromacy



Original Color

94.7850, -7.7820, -70.8484



Achromatopsia

95.0000, 0.0000, 0.0000



Achromatomaly

95.0370, -2.9762, -25.4654

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.7850, -7.7820, -70.8484 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(14, 139, 79)` looks like.

```
.text, #text, p{  
    color:rgb(14, 139, 79)  
}
```

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(14, 139, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 139, 79) }
```

Border

The CSS property to change the border of an element to YUV 94.7850, -7.7820, -70.8484 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(14, 139, 79) }
```


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

```
.border{ border-color:rgb(14, 139, 79) }
```

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

Here you see how a box with a 4 pixel rgb(14, 139, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 139, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 139, 79);  
box-shadow:4px 4px 4px 4px rgb(14, 139,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 94.7850, -7.7820, -70.8484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 139, 79) }
```

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

```
.background{ background-color: rgb(14, 139,  
79) }
```

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