

# Converting Colors

YUV(126.7640, -62.4947,  
24.7630)

Have a look what the booklet for  
YUV(126.7640, -62.4947, 24.7630)  
contains.

|  |    |
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# Color

**YUV(126.7640, -62.4947,  
24.7630)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 9B8900                      |
| RGB         | 155, 137, 0                 |
| RGB Percent | 61%, 54%, 0%                |
| CMY         | 0.3922, 0.4627, 1.0000      |
| CMYK        | 0.00, 0.12, 1.00, 0.39      |
| HSL         | 53°, 100%, 30%              |
| HSV         | 53°, 100%, 61%              |
| XYZ         | 22.4632, 24.8599, 3.6145    |
| YIQ         | 126.7640, 54.7050, -38.7910 |

# Conversions

## Conversions Part 2

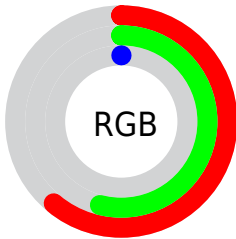
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 20, 155, 0                     |
| Decimal                             | 10193152                       |
| CIE Lab                             | 56.94, -5.26, 61.48            |
| CIE LCh                             | 57, 61.703, 94.886             |
| Yxy                                 | 24.8599, 0.4410,<br>0.4880     |
| Android<br>(android.graphics.Color) | 4288383232<br>(0xFF9B8900)     |
| YUV                                 | 126.7640, -62.4947,<br>24.7630 |
| Hunter-Lab                          | 49.8597, -6.8350,<br>30.6036   |

# Details

The YUV color **126.7640, -62.4947, 24.7630** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **28.2360, 62.4947, -24.7630**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.0830, -56.2429, 26.2372**, and **81.5560, -40.2071, 16.1754** is the 20% darker color. If you saturate the color by 10%, you get **126.7640, -62.4947, 24.7630**, and if you desaturate by 10%, it is **129.6480, -56.5215, 22.2337**.

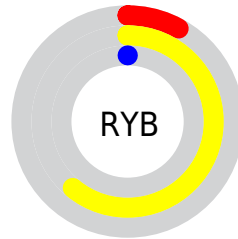
# Distribution



Red (61%)

Green (54%)

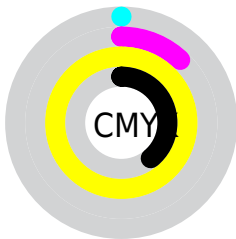
Blue (0%)



Red (8%)

Yellow (61%)

Blue (0%)

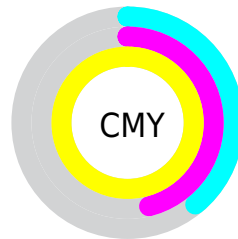


Cyan (0%)

Magenta (12%)

Yellow (100%)

Black (39%)



Cyan (39%)

Magenta (46%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 126.7640, -62.4947, 24.7630 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 126.7640, -62.4947, 24.7630 by changing the saturation by 10% instead.



126.7640,  
-62.4947, 24.7630

126.7640,  
-62.4947, 24.7630

255.0000, 0.0000,  
0.0000

103.7170,  
-51.1325, 20.4192

183.0830,  
-56.2429, 26.2372

81.5560, -40.2071,  
16.1754

211.5670,  
-56.9745, 27.5667

59.6830, -29.4237,  
10.8020

234.6690,  
-55.0528, 17.8303

38.9950, -19.2245,  
6.1434

243.1440,  
-45.4270, 10.3977

19.7800, -9.7515,  
1.0699

246.3360,  
-33.1966, 7.5983

0.0000, 0.0000,  
0.0000

249.5280,

-20.9663, 4.7989

■ 252.8340, -8.2992,  
1.8996

■ 126.7640,  
-62.4947, 24.7630

■ 129.6480,  
-56.5215, 22.2337

■ 132.6460,  
-50.1115, 19.6045

■ 135.0570,  
-43.4121, 17.4900

■ 137.9410,  
-37.4389, 14.9607

■ 140.9390,  
-31.0289, 12.3315

■ 143.8230,  
-25.0557, 9.8022

■ 146.7070,  
-19.0826, 7.2730

■ 149.1180,  
-12.3832, 5.1585

■ 152.0020, -6.4100,  
2.6292

# Harmonies

## Analogous

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



131.9420, -48.7784, 58.8099



126.7640, -62.4947, 24.7630



122.5700, -41.6930, -20.6709

# Triad

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



126.7640, -62.4947, 24.7630



116.9650, 39.4573, -102.5783



138.2320, 22.0706, 61.1865

# Complementary

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



126.7640, -62.4947, 24.7630



28.2360, 62.4947, -24.7630

# 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.



139.4670, 42.1678, 8.3604



126.7640, -62.4947, 24.7630



117.0740, 57.6445, -102.6739

# Square

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



126.7640, -62.4947, 24.7630



111.5100, 16.0176, -97.7943



109.9960, 66.0640, -96.4665



132.3220, -1.1447, 87.4176



# Rectangle

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



126.7640, -62.4947, 24.7630



112.2130, -20.3180, -63.3308



109.9960, 66.0640, -96.4665



140.2670, 28.9554, 46.2468

# Sweetspot

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



126.7640, -62.4947, 24.7630



190.0510, -24.1821, 9.6023



48.3970, -14.9857, 93.4908



95.4340, -15.0040, 5.7584



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000



# Same Dimension

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



126.7640, -62.4947, 24.7630



164.5850, -81.1404, 31.9360



119.6890, -59.0067, -20.7753



75.5010, -3.2050, 1.3146



114.6480, -56.5215, 22.2337



10.3440, -5.0996, 2.3293



# Inverse Universe

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



28.2360, 62.4947, -24.7630



36.4150, 81.1404, -31.9360



35.3110, 59.0067, 20.7753



70.4990, 3.2050, -1.3146



25.3520, 56.5215, -22.2337

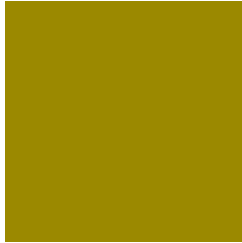


2.0690, 5.3890, -1.8145



# Previews

## White Background



This preview shows how the YUV color 126.7640, -62.4947, 24.7630 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 126.7640, -62.4947, 24.7630 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 126.7640, -62.4947, 24.7630

## Background



This preview shows how black text looks on a background with the YUV color 126.7640, -62.4947, 24.7630.



This preview shows how white text looks on a background with the YUV color 126.7640, -62.4947, 24.7630.



# 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



### Protanopia

126.6930, -61.4736, 23.9482

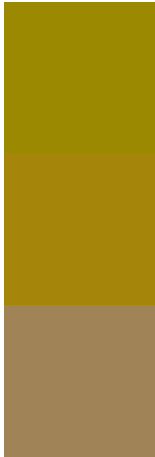
### Deuteranopia

129.9750, -55.6967, 37.7329

### Tritanopia

138.9040, -0.9387, 21.1322

# Trichromacy



## Protanomaly

126.5790, -61.9104, 24.0482

## Deuteranomaly

128.9590, -58.1538, 32.4850

## Tritanomaly

134.6550, -23.4939, 22.2276

# Monochromacy



## Achromatopsia

127.0000, 0.0000, 0.0000

## Achromatomaly

127.0940, -22.7243, 8.6876

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 126.7640, -62.4947, 24.7630 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(155, 137, 0)` looks like.

```
.text, #text, p{  
    color:rgb(155, 137, 0)  
}
```

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(155, 137, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 137, 0) }
```

## Border

The CSS property to change the border of an element to YUV 126.7640, -62.4947, 24.7630 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(155, 137, 0) }
```

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

```
.border{ border-color:rgb(155, 137, 0) }
```

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

Here you see how a box with a 4 pixel rgb(155, 137, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 137, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 137, 0);  
box-shadow:4px 4px 4px 4px rgb(155, 137,  
0) }
```



# Background

The CSS property to change the background color of an element to YUV 126.7640, -62.4947, 24.7630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 137, 0) }
```

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

```
.background{ background-color: rgb(155,  
137, 0) }
```

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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