

# Converting Colors

YUV(127.8020, -50.1884,  
-2.4574)

Have a look what the booklet for  
YUV(127.8020, -50.1884, -2.4574)  
contains.

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# Color

**YUV(127.8020, -50.1884,  
-2.4574)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7D951A
RGB	125, 149, 26
RGB Percent	49%, 58%, 10%
CMY	0.5098, 0.4157, 0.8980
CMYK	0.16, 0.00, 0.83, 0.42
HSL	72°, 70%, 34%
HSV	72°, 83%, 58%
XYZ	19.3913, 25.9294, 4.9601
YIQ	127.8020, 25.1790, -43.3410

# Conversions

## Conversions Part 2

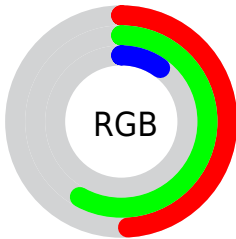
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	26, 149, 50
Decimal	8230170
CIE <sub>Lab</sub>	57.97, -24.49, 56.11
CIE <sub>LCh</sub>	58, 61.217, 113.580
Yxy	25.9294, 0.3857, 0.5157
Android (android.graphics.Color)	4286420250 (0xFF7D951A)
YUV	127.8020, -50.1884, -2.4574
Hunter-Lab	50.9210, -21.1366, 29.8693

# Details

The YUV color  $127.8020, -50.1884, -2.4574$  is a dark color, and the websafe version is hex  $669900$ . A complement of this color would be  $47.1980, 50.1884, 2.4574$ , and the grayscale version is  $128.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $182.7420, -49.1728, -1.5277$ , and  $79.0540, -38.9736, -6.1864$  is the 20% darker color. If you saturate the color by 10%, you get  $125.1950, -56.2981, -2.8020$ , and if you desaturate by 10%, it is  $130.4090, -44.0786, -2.1127$ .

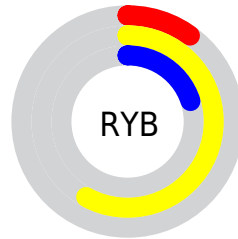
# Distribution



Red (49%)

Green (58%)

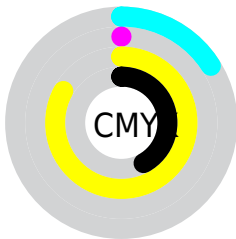
Blue (10%)



Red (10%)

Yellow (58%)

Blue (20%)

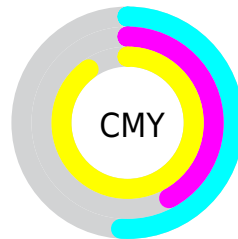


Cyan (16%)

Magenta (0%)

Yellow (83%)

Black (42%)



Cyan (51%)

Magenta (42%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 127.8020, -50.1884, -2.4574 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 127.8020, -50.1884, -2.4574 by changing the saturation by 10% instead.



■ 127.8020,  
-50.1884, -2.4574

■ 127.8020,  
-50.1884, -2.4574

■ 255.0000, 0.0000,  
0.0000

■ 101.5030,  
-50.0410, -3.0721

■ 182.7420,  
-49.1728, -1.5277

■ 79.0540, -38.9736,  
-6.1864

■ 210.5140,  
-50.0464, -1.3278

■ 57.1920, -28.1957,  
-9.8154

■ 236.6500,  
-49.6205, 2.0609

■ 35.9060, -17.7017,  
-15.7036

■ 244.6260,  
-39.7486, 9.0980

■ 18.7840, -9.2605,  
-16.4736

■ 247.8180,  
-27.5183, 6.2986

■ 0.0000, 0.0000,  
0.0000

■ 251.1240,

-14.8511, 3.3993

254.4300, -2.1840,  
0.4999

■ 127.8020,  
-50.1884, -2.4574

■ 127.8020,  
-50.1884, -2.4574

■ 125.1950,  
-56.2981, -2.8020

■ 130.4090,  
-44.0786, -2.1127

■ 123.3430,  
-60.8081, -2.9318

■ 133.0160,  
-37.9689, -1.7680

■ 135.6230,  
-31.8591, -1.4234

■ 138.2300,  
-25.7494, -1.0787

■ 140.8370,  
-19.6396, -0.7340

■ 143.0310,  
-13.8193, -0.9042

■ 145.6380, -7.7095,  
-0.5595

■ 148.2450, -1.5998,  
-0.2149

■ 150.8520, 4.5100,  
0.1298

# Harmonies

## Analogous

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



132.2910, -58.3175, 38.3328



127.8020, -50.1884, -2.4574



116.7900, -22.0815, -57.6978

# Triad

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



127.8020, -50.1884, -2.4574



119.5700, 51.9770, -104.8629



137.5690, 7.6075, 80.1850

# Complementary

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



127.8020, -50.1884, -2.4574



47.1980, 50.1884, 2.4574

# 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.



143.1850, 29.9818, 43.6878



127.8020, -50.1884, -2.4574



115.5070, 64.3330, -101.2996

# Square

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



127.8020, -50.1884, -2.4574



116.9020, 31.6003, -102.5231



138.4250, 49.0905, -18.7897



134.7830, -17.1480, 87.0133



# Rectangle

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



127.8020, -50.1884, -2.4574



107.8790, -0.4333, -94.6099



138.4250, 49.0905, -18.7897



139.5770, 15.4915, 71.4080

# Sweetspot

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



127.8020, -50.1884, -2.4574



185.4240, -19.9290, -1.2488



76.2780, -24.7871, 63.7772



91.9000, -11.7827, -0.7893



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000



# Same Dimension

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



127.8020, -50.1884, -2.4574



160.7500, -78.2638, -4.1658



109.8620, -41.3440, -39.3440



72.9030, -2.9102, 0.0851



114.1950, -56.2981, -2.8020



8.2620, -4.0732, -0.2298



# Inverse Universe

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



47.1980, 50.1884, 2.4574



34.9510, 78.4112, 3.5510



65.1380, 41.3440, 39.3440



68.0970, 2.9102, -0.0851



23.8050, 56.2981, 2.8020



1.7380, 4.0732, 0.2298



# Previews

## White Background



This preview shows how the YUV color 127.8020, -50.1884, -2.4574 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 127.8020, -50.1884, -2.4574 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

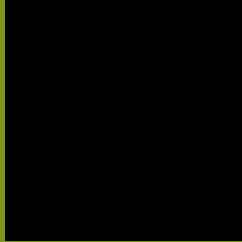
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 127.8020, -50.1884, -2.4574

## Background



This preview shows how black text looks on a background with the YUV color 127.8020, -50.1884, -2.4574.



This preview shows how white text looks on a background with the YUV color 127.8020, -50.1884, -2.4574.

-2.4574.

# 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

127.8020, -50.1884, -2.4574

### Protanopia

131.1580, -53.3219, 22.6634

### Deuteranopia

133.9130, -48.2711, 36.0333



## Tritanopia

139.6560, 5.0996, -2.3293

# Trichromacy



## Original Color

127.8020, -50.1884, -2.4574

## Protanomaly

130.0320, -52.2738, 13.1269

## Deuteranomaly

131.5970, -49.1013, 22.2784

## Tritanomaly

135.6780, -15.1243, -2.3486

# Monochromacy



## Original Color

127.8020, -50.1884, -2.4574

## Achromatopsia

128.0000, 0.0000, 0.0000

## Achromatomaly

128.1790, -18.3292, -1.0340

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 127.8020, -50.1884, -2.4574 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(125, 149, 26)` looks like.

```
.text, #text, p{  
    color:rgb(125, 149, 26)  
}
```

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(125, 149, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 149, 26) }
```

## Border

The CSS property to change the border of an element to YUV 127.8020, -50.1884, -2.4574 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(125, 149, 26) }
```



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

```
.border{ border-color:rgb(125, 149, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 149, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 149, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 149, 26);  
box-shadow:4px 4px 4px 4px rgb(125, 149,  
26) }
```

# Background

The CSS property to change the background color of an element to YUV 127.8020, -50.1884, -2.4574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 149, 26) }
```

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

```
.background{ background-color: rgb(125,  
149, 26) }
```

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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