

# Converting Colors

YUV(134.2540, -28.7192,  
18.1942)

Have a look what the booklet for  
YUV(134.2540, -28.7192, 18.1942)  
contains.

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# Color

**YUV(134.2540, -28.7192,  
18.1942)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9B874C
RGB	155, 135, 76
RGB Percent	61%, 53%, 30%
CMY	0.3922, 0.4706, 0.7020
CMYK	0.00, 0.13, 0.51, 0.39
HSL	45°, 34%, 45%
HSV	45°, 51%, 61%
XYZ	23.4860, 24.8183, 10.3900
YIQ	134.2540, 30.8590, -14.1090

# Conversions

## Conversions Part 2

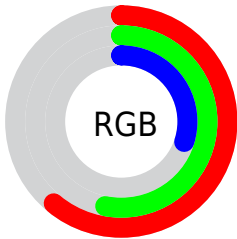
<b>Format</b>	<b>Color</b>
<b>RYB</b>	103, 155, 76
Decimal	10192716
CIELab	56.90, -0.46, 34.29
CIELCh	57, 34.296, 90.765
Yxy	24.8183, 0.4001, 0.4228
Android (android.graphics.Color)	4288382796 (0xFF9B874C)
YUV	134.2540, -28.7192, 18.1942
Hunter-Lab	49.8180, -3.0299, 22.5071

# Details

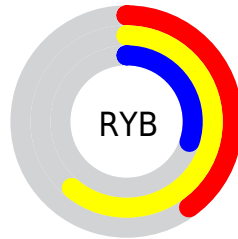
The YUV color  $134.2540, -28.7192, 18.1942$  is a dark color, and the websafe version is hex  $999966$ . A complement of this color would be  $96.7460, 28.7192, -18.1942$ , and the grayscale version is  $135.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $187.8090, -30.4718, 20.3385$ , and  $84.2860, -27.2560, 15.5352$  is the 20% darker color. If you saturate the color by 10%, you get  $130.1960, -34.1136, 21.7531$ , and if you desaturate by 10%, it is  $138.4260, -22.8880, 14.5354$ .

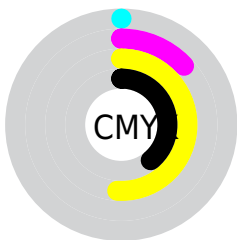
# Distribution



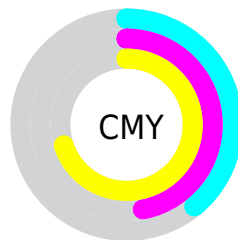
- Red (61%)
- Green (53%)
- Blue (30%)



- Red (40%)
- Yellow (61%)
- Blue (30%)



- Cyan (0%)
- Magenta (13%)
- Yellow (51%)
- Black (39%)



- Cyan (39%)
- Magenta (47%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 134.2540, -28.7192, 18.1942 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 134.2540, -28.7192, 18.1942 by changing the saturation by 10% instead.



■ 134.2540,  
-28.7192, 18.1942

■ 134.2540,  
-28.7192, 18.1942

■ 255.0000, 0.0000,  
0.0000

■ 108.7700,  
-27.9876, 16.8647

■ 187.8090,  
-30.4718, 20.3385

■ 84.2860, -27.2560,  
15.5352

■ 215.8800,  
-31.4928, 21.1532

■ 60.1610, -27.6874,  
13.8908

■ 239.9930,  
-29.5765, 13.1611

■ 39.6150, -19.5302,  
10.8616

■ 249.5280,  
-20.9663, 4.7989

■ 20.6990, -10.2046,  
6.4030

■ 252.8340, -8.2992,  
1.8996

■ 0.0000, 0.0000,  
0.0000

■ 134.2540,  
-28.7192, 18.1942

■ 134.2540,  
-28.7192, 18.1942

■ 130.1960,  
-34.1136, 21.7531

■ 138.4260,  
-22.8880, 14.5354

■ 126.0240,  
-39.9448, 25.4120

■ 142.4840,  
-17.4936, 10.9765

■ 121.8520,  
-45.7760, 29.0708

■ 146.6560,  
-11.6624, 7.3177

■ 117.7940,  
-51.1704, 32.6297

■ 150.7140, -6.2680,  
3.7588

■ 114.4370,  
-56.4174, 35.5738

■ 154.8860, -0.4368,  
0.1000

■ 158.9440, 4.9576,  
-3.4589

■ 162.5290, 11.0782,  
-6.6029

■ 166.5870, 16.4726,

-10.1618

■ 170.7590, 22.3038,  
-13.8206

# Harmonies

## Analogous

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



136.5860, -25.4319, 37.1971



134.2540, -28.7192, 18.1942



131.1800, -23.2597, -6.2969

# Triad

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



134.2540, -28.7192, 18.1942



108.1480, 28.5210, -94.8458



140.5150, 12.5641, 30.2433

# Complementary

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



134.2540, -28.7192, 18.1942



96.7460, 28.7192, -18.1942

# 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.



138.7270, 24.2916, 1.9934



134.2540, -28.7192, 18.1942



116.0930, 35.4502, -77.2576

# Square

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



134.2540, -28.7192, 18.1942



117.2860, 9.2260, -66.0258



131.7440, 31.6782, -33.9785



139.3570, -1.1620, 46.1679



# Rectangle

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



134.2540, -28.7192, 18.1942



127.9480, -14.7644, -24.5104



131.7440, 31.6782, -33.9785



140.3120, 17.1012, 21.6514

# Sweetspot

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



134.2540, -28.7192, 18.1942



193.4710, -11.0782, 6.6029



102.0150, -2.4724, 46.4678



97.0130, -6.4154, 4.3736



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.



134.2540, -28.7192, 18.1942



168.8950, -44.3182, 28.1561



140.6120, -31.8537, -3.1677



74.9140, -2.9156, 1.8294



103.4950, -51.0230, 32.0149



9.7570, -4.8102, 2.8441



# Inverse Universe

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



96.7460, 28.7192, -18.1942



111.1050, 44.3182, -28.1561



90.3880, 31.8537, 3.1677



71.0860, 2.9156, -1.8294



37.0920, 50.7336, -32.5297



3.2430, 4.8102, -2.8441



# Previews

## White Background



This preview shows how the YUV color 134.2540, -28.7192, 18.1942 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 134.2540, -28.7192, 18.1942 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 134.2540, -28.7192, 18.1942

## Background



This preview shows how black text looks on a background with the YUV color 134.2540, -28.7192, 18.1942.



This preview shows how white text looks on a background with the YUV color 134.2540, -28.7192, 18.1942.



# 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

134.2540, -28.7192, 18.1942

### Protanopia

134.0470, -28.1242, 13.9908

### Deuteranopia

135.0210, -28.6044, 28.0456



## Tritanopia

139.0070, -0.4965, 19.2879

# Trichromacy



## Original Color

134.2540, -28.7192, 18.1942

## Protanomaly

134.0580, -28.1296, 15.7351

## Deuteranomaly

134.9990, -28.5935, 24.5569

## Tritanomaly

137.5480, -11.1162, 18.8134

# Monochromacy



## Original Color

134.2540, -28.7192, 18.1942

## Achromatopsia

134.0000, 0.0000, 0.0000

## Achromatomaly

133.9980, -10.3520, 7.0178

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 134.2540, -28.7192, 18.1942 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, 135, 76)` looks like.

```
.text, #text, p{  
    color:rgb(155, 135, 76)  
}
```

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, 135, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 135, 76) }
```

## Border

The CSS property to change the border of an element to YUV 134.2540, -28.7192, 18.1942 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, 135, 76) }
```



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

```
.border{ border-color:rgb(155, 135, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 135, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 135, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 135, 76);  
box-shadow:4px 4px 4px 4px rgb(155, 135,  
76) }
```

# Background

The CSS property to change the background color of an element to YUV 134.2540, -28.7192, 18.1942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 135, 76) }
```

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

```
.background{ background-color: rgb(155,  
135, 76) }
```

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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