

# Converting Colors

YUV(125.6810, -29.9157,  
-18.1372)

Have a look what the booklet for  
YUV(125.6810, -29.9157, -18.1372)  
contains.

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# Color

**YUV(125.6810, -29.9157,  
-18.1372)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	699441
RGB	105, 148, 65
RGB Percent	41%, 58%, 25%
CMY	0.5882, 0.4196, 0.7451
CMYK	0.29, 0.00, 0.56, 0.42
HSL	91°, 39%, 42%
HSV	91°, 56%, 58%
XYZ	17.3697, 24.5647, 8.8270
YIQ	125.6810, 1.0150, -34.9290

# Conversions

## Conversions Part 2

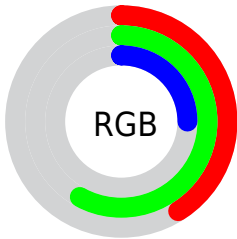
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	65, 148, 108
Decimal	6919233
CIE <sub>Lab</sub>	56.65, -29.40, 38.70
CIE <sub>LCh</sub>	57, 48.599, 127.226
Yxy	24.5647, 0.3422, 0.4839
Android (android.graphics.Color)	4285109313 (0xFF699441)
YUV	125.6810, -29.9157, -18.1372
Hunter-Lab	49.5628, -24.1780, 24.1346

# Details

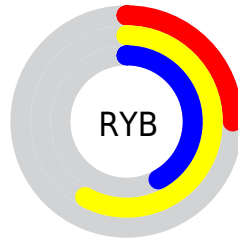
The YUV color **125.6810, -29.9157, -18.1372** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **87.3190, 29.9157, 18.1372**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.9260, -31.5155, -18.3521**, and **74.6810, -29.9157, -18.1372** is the 20% darker color. If you saturate the color by 10%, you get **121.5790, -35.2884, -21.5558**, and if you desaturate by 10%, it is **129.7830, -24.5430, -14.7187**.

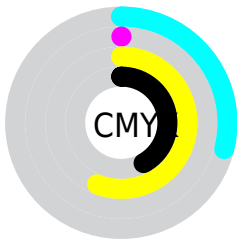
# Distribution



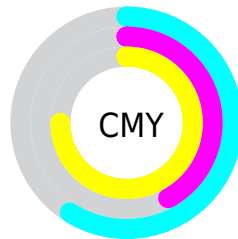
- Red (41%)
- Green (58%)
- Blue (25%)



- Red (25%)
- Yellow (58%)
- Blue (42%)



- Cyan (29%)
- Magenta (0%)
- Yellow (56%)
- Black (42%)



- Cyan (59%)
- Magenta (42%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 125.6810, -29.9157, -18.1372 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 125.6810, -29.9157, -18.1372 by changing the saturation by 10% instead.



■ 125.6810,  
-29.9157, -18.1372

■ 125.6810,  
-29.9157, -18.1372

■ 255.0000, 0.0000,  
0.0000

■ 99.7950, -29.4789,  
-18.2372

■ 178.9260,  
-31.5155, -18.3521

■ 74.6810, -29.9157,  
-18.1372

■ 207.3990,  
-32.2417, -18.7669

■ 51.2230, -25.2529,  
-20.3666

■ 232.9370,  
-31.5209, -16.6077

■ 29.3500, -14.4695,  
-25.7399

■ 244.6860,  
-24.0022, -1.4786

■ 18.1970, -8.9711,  
-15.9588

■ 251.5800,  
-13.1039, 2.9993

■ 0.0000, 0.0000,  
0.0000

254.7720, -0.8736,

0.2000

■ 125.6810,  
-29.9157, -18.1372

■ 125.6810,  
-29.9157, -18.1372

■ 121.5790,  
-35.2884, -21.5558

■ 129.7830,  
-24.5430, -14.7187

■ 117.7760,  
-40.8086, -24.3596

■ 133.5860,  
-19.0229, -11.9149

■ 113.7880,  
-45.7445, -27.8781

■ 137.5740,  
-14.0870, -8.3964

■ 109.6860,  
-51.1172, -31.2966

■ 141.6760, -8.7143,  
-4.9779

■ 108.1050,  
-53.2958, -32.5411

■ 145.4790, -3.1941,  
-2.1741

■ 149.5810, 2.1786,  
1.2445

■ 153.6830, 7.5513,  
4.6630

■ 157.3720, 12.6346,  
7.5668

■ 161.4740, 18.0073,  
10.9853

# Harmonies

## Analogous

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



130.6270, -41.2281, 16.9901



125.6810, -29.9157, -18.1372



112.4910, -5.1721, -67.9596

# Triad

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



125.6810, -29.9157, -18.1372



111.7450, 49.9187, -98.0004



135.9900, -4.4321, 68.4148

# Complementary

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



125.6810, -29.9157, -18.1372



87.3190, 29.9157, 18.1372

# 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.



139.0320, 15.2672, 49.9609



125.6810, -29.9157, -18.1372



127.9240, 45.3935, -46.4143

# Square

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



125.6810, -29.9157, -18.1372



112.1890, 36.3888, -98.3898



139.7310, 31.6846, 10.7599



134.6310, -23.4821, 65.2216



# Rectangle

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



125.6810, -29.9157, -18.1372



106.3920, 11.6387, -93.3058



139.7310, 31.6846, 10.7599



137.0910, 2.4201, 63.9412

# Sweetspot

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



125.6810, -29.9157, -18.1372



182.2690, -11.4716, -7.2519



115.0580, -24.6786, 28.8901



91.8440, -6.8251, -4.2482



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.



125.6810, -29.9157, -18.1372



156.6740, -46.1813, -27.7781



113.8350, -23.5827, -42.8283



72.0060, -2.4680, -1.7593



100.7400, -49.6648, -30.4670



7.3650, -3.6309, -2.0741



# Inverse Universe

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



87.3190, 29.9157, 18.1372



97.3260, 46.1813, 27.7781



99.1650, 23.5827, 42.8283



68.6950, 2.6154, 1.1445



36.9610, 49.8122, 29.8522



2.6350, 3.6309, 2.0741



# Previews

## White Background



This preview shows how the YUV color 125.6810, -29.9157, -18.1372 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 125.6810, -29.9157, -18.1372 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

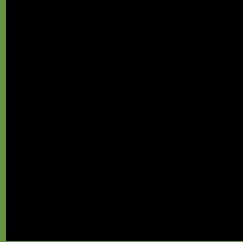
Any Text WCAG AA ✓ Pass

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 125.6810, -29.9157, -18.1372 Background



This preview shows how black text looks on a background with the YUV color 125.6810, -29.9157, -18.1372.



This preview shows how white text looks on a background with the YUV color 125.6810, -29.9157, -18.1372.



# 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

125.6810, -29.9157, -18.1372

### Protanopia

131.6360, -34.8235, 16.1052

### Deuteranopia

133.3370, -31.2251, 28.6455



## Tritanopia

133.6760, 8.0477, -14.6249

# Trichromacy



## Original Color

125.6810, -29.9157, -18.1372

## Protanomaly

129.3140, -33.1858, 4.1096

## Deuteranomaly

130.6400, -30.8815, 11.7167

## Tritanomaly

130.7070, -5.7716, -15.5290

# Monochromacy



## Original Color

125.6810, -29.9157, -18.1372

## Achromatopsia

126.0000, 0.0000, 0.0000

## Achromatomaly

125.7960, -10.7454, -6.8371

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 125.6810, -29.9157, -18.1372 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(105, 148, 65)` looks like.

```
.text, #text, p{  
    color:rgb(105, 148, 65)  
}
```

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(105, 148, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 148, 65) }
```

## Border

The CSS property to change the border of an element to YUV 125.6810, -29.9157, -18.1372 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(105, 148, 65) }
```



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

```
.border{ border-color:rgb(105, 148, 65) }
```

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

Here you see how a box with a 4 pixel rgb(105, 148, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 148, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 148, 65);  
box-shadow:4px 4px 4px 4px rgb(105, 148,  
65) }
```

# Background

The CSS property to change the background color of an element to YUV 125.6810, -29.9157, -18.1372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 148, 65) }
```

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

```
.background{ background-color: rgb(105,  
148, 65) }
```

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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