

# Converting Colors

YUV(118.9350, -28.5620,  
-32.3920)

Have a look what the booklet for  
YUV(118.9350, -28.5620, -32.3920)  
contains.

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# Color

**YUV(118.9350, -28.5620,  
-32.3920)**

# Conversions

## Conversions Part 1

Format	Color
Hex	52953D
RGB	82, 149, 61
RGB Percent	32%, 58%, 24%
CMY	0.6784, 0.4157, 0.7608
CMYK	0.45, 0.00, 0.59, 0.42
HSL	106°, 42%, 41%
HSV	106°, 59%, 58%
XYZ	15.0694, 23.6257, 8.1808
YIQ	118.9350, -11.6840, -41.5720

# Conversions

## Conversions Part 2

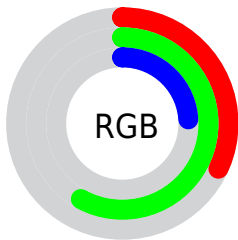
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 149, 128
Decimal	5412157
CIELab	55.71, -38.48, 39.25
CIELCh	56, 54.964, 134.436
Yxy	23.6257, 0.3215, 0.5040
Android (android.graphics.Color)	4283602237 (0xFF52953D)
YUV	118.9350, -28.5620, -32.3920
Hunter-Lab	48.6062, -29.7204, 24.0453

# Details

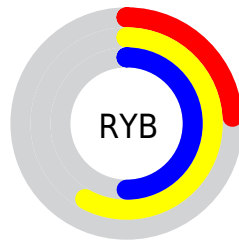
The YUV color **118.9350, -28.5620, -32.3920** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **91.0650, 28.5620, 32.3920**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.0660, -30.5985, -32.5069**, and **65.3260, -28.2617, -35.3659** is the 20% darker color. If you saturate the color by 10%, you get **113.9360, -33.4924, -37.6549**, and if you desaturate by 10%, it is **123.9340, -23.6315, -27.1291**.

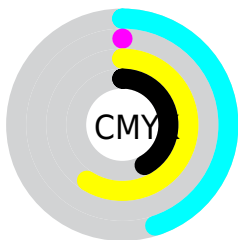
# Distribution



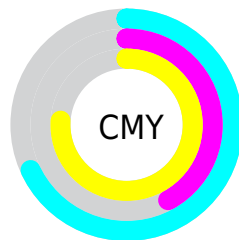
- Red (32%)
- Green (58%)
- Blue (24%)



- Red (24%)
- Yellow (58%)
- Blue (50%)



- Cyan (45%)
- Magenta (0%)
- Yellow (59%)
- Black (42%)



- Cyan (68%)
- Magenta (42%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 118.9350, -28.5620, -32.3920 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 118.9350, -28.5620, -32.3920 by changing the saturation by 10% instead.



■ 118.9350,  
-28.5620, -32.3920

■ 118.9350,  
-28.5620, -32.3920

■ 255.0000, 0.0000,  
0.0000

■ 92.7500, -27.9777,  
-33.1067

■ 173.0660,  
-30.5985, -32.5069

■ 65.3260, -28.2617,  
-35.3659

■ 200.9520,  
-31.0353, -32.4069

■ 42.8510, -21.1255,  
-37.5803

■ 225.7890,  
-30.4620, -29.6330

■ 29.3500, -14.4695,  
-25.7399

■ 237.3530,  
-22.3590, -15.2186

■ 16.4360, -8.1029,  
-14.4144

■ 249.5150,  
-14.5509, 0.4253

■ 0.0000, 0.0000,  
0.0000

■ 254.3160, -2.6208,

0.5999

■ 118.9350,  
-28.5620, -32.3920

■ 118.9350,  
-28.5620, -32.3920

■ 113.9360,  
-33.4924, -37.6549

■ 123.9340,  
-23.6315, -27.1291

■ 108.6380,  
-38.2755, -43.5325

■ 129.2320,  
-18.8484, -21.2515

■ 103.6390,  
-43.2060, -48.7954

■ 134.2310,  
-13.9179, -15.9886

■ 98.6400, -48.1365,  
-54.0583

■ 139.2300, -8.9874,  
-10.7257

■ 98.2270, -48.4259,  
-54.5731

■ 144.5280, -4.2043,  
-4.8481

■ 149.4130, 0.2894,  
0.5148

■ 154.4120, 5.2199,  
5.7777

■ 159.7100, 10.0030,  
11.6553

■ 164.7090, 14.9335,  
16.9182

# Harmonies

## Analogous

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



125.3890, -47.0268, 10.1828



118.9350, -28.5620, -32.3920



103.0690, 1.4450, -90.3915

# Triad

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



118.9350, -28.5620, -32.3920



111.3520, 56.0285, -97.6557



130.7910, -9.2640, 78.2363

# Complementary

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



118.9350, -28.5620, -32.3920



91.0650, 28.5620, 32.3920

# 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.



134.7240, 12.4611, 63.3861



118.9350, -28.5620, -32.3920



128.0760, 48.2765, -37.7777

# Square

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



118.9350, -28.5620, -32.3920



113.0840, 42.3566, -99.1747



137.5200, 31.7886, 24.1000



130.7040, -30.9131, 68.6656



# Rectangle

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



118.9350, -28.5620, -32.3920



107.4180, 15.5699, -94.2056



137.5200, 31.7886, 24.1000



131.7290, -1.8384, 76.5367

# Sweetspot

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



118.9350, -28.5620, -32.3920



181.9370, -11.3079, -13.0997



126.0540, -32.0716, 20.1236



89.8220, -6.8142, -7.7369



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.



118.9350, -28.5620, -32.3920



146.8730, -44.8004, -50.7546



115.1640, -15.8569, -47.5018



71.4080, -2.1731, -2.9888



90.8730, -44.8004, -50.7546



6.4680, -3.1887, -3.9184



# Inverse Universe

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



91.0650, 28.5620, 32.3920



103.1270, 44.8004, 50.7546



94.8360, 15.8569, 47.5018



69.2930, 2.3206, 2.3740



47.1270, 44.8004, 50.7546



3.5320, 3.1887, 3.9184



# Previews

## White Background



This preview shows how the YUV color 118.9350, -28.5620, -32.3920 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 118.9350, -28.5620, -32.3920 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

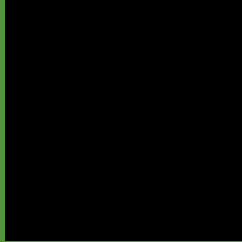
Any Text WCAG AA ✓ Pass

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 118.9350, -28.5620, -32.3920 Background



This preview shows how black text looks on a background with the YUV color 118.9350, -28.5620, -32.3920.



This preview shows how white text looks on a background with the YUV color 118.9350, -28.5620, -32.3920.



# 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

118.9350, -28.5620, -32.3920

### Protanopia

128.7070, -35.8446, 16.9200

### Deuteranopia

130.3370, -31.2251, 28.6455



## Tritanopia

128.6960, 10.9959, -26.9204

# Trichromacy



## Original Color

118.9350, -28.5620, -32.3920

## Protanomaly

125.2810, -33.1695, -1.1234

## Deuteranomaly

126.1340, -30.1391, 6.8985

## Tritanomaly

124.9010, -3.4022, -28.8542

# Monochromacy



## Original Color

118.9350, -28.5620, -32.3920

## Achromatopsia

119.0000, 0.0000, 0.0000

## Achromatomaly

119.1760, -10.4398, -11.5554

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 118.9350, -28.5620, -32.3920 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(82, 149, 61)` looks like.

```
.text, #text, p{  
    color:rgb(82, 149, 61)  
}
```

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(82, 149, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 149, 61) }
```

## Border

The CSS property to change the border of an element to YUV 118.9350, -28.5620, -32.3920 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(82, 149, 61) }
```



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

```
.border{ border-color:rgb(82, 149, 61) }
```

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

Here you see how a box with a 4 pixel rgb(82, 149, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 149, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 149, 61);  
box-shadow:4px 4px 4px 4px rgb(82, 149,  
61) }
```

# Background

The CSS property to change the background color of an element to YUV 118.9350, -28.5620, -32.3920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 149, 61) }
```

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

```
.background{ background-color: rgb(82, 149,  
61) }
```

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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