

# Converting Colors

YUV(126.3690, -53.4259,  
9.3234)

Have a look what the booklet for  
YUV(126.3690, -53.4259, 9.3234)  
contains.

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# Color

**YUV(126.3690, -53.4259,  
9.3234)**

# Conversions

## Conversions Part 1

Format	Color
Hex	898E12
RGB	137, 142, 18
RGB Percent	54%, 56%, 7%
CMY	0.4627, 0.4431, 0.9294
CMYK	0.04, 0.00, 0.87, 0.44
HSL	62°, 78%, 31%
HSV	62°, 87%, 56%
XYZ	20.0987, 24.7080, 4.2821
YIQ	126.3690, 36.8240, -39.6240

# Conversions

## Conversions Part 2

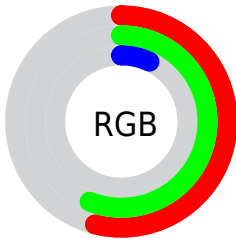
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	18, 142, 23
Decimal	9014802
CIE Lab	56.79, -15.87, 57.49
CIE LCh	57, 59.635, 105.429
Yxy	24.7080, 0.4094, 0.5033
Android (android.graphics.Color)	4287204882 (0xFF898E12)
YUV	126.3690, -53.4259, 9.3234
Hunter-Lab	49.7072, -14.8125, 29.6874

# Details

The YUV color **126.3690, -53.4259, 9.3234** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **33.6310, 53.4259, -9.3234**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.9500, -51.2473, 10.5679**, and **78.8210, -38.8588, 3.6650** is the 20% darker color. If you saturate the color by 10%, you get **124.4740, -59.3937, 10.1083**, and if you desaturate by 10%, it is **128.2640, -47.4582, 8.5385**.

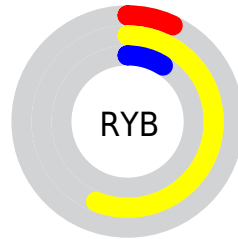
# Distribution



Red (54%)

Green (56%)

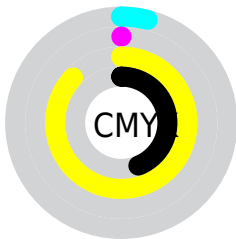
Blue (7%)



Red (7%)

Yellow (56%)

Blue (9%)

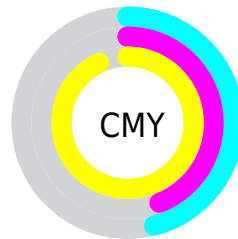


Cyan (4%)

Magenta (0%)

Yellow (87%)

Black (44%)



Cyan (46%)

Magenta (44%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 126.3690, -53.4259, 9.3234 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 126.3690, -53.4259, 9.3234 by changing the saturation by 10% instead.



■ 126.3690,  
-53.4259, 9.3234

■ 126.3690,  
-53.4259, 9.3234

■ 255.0000, 0.0000,  
0.0000

■ 101.5690,  
-50.0735, 7.3940

■ 180.9500,  
-51.2473, 10.5679

■ 78.8210, -38.8588,  
3.6650

■ 209.4340,  
-51.9790, 11.8974

■ 57.5460, -28.3702,  
-0.4788

■ 238.2060,  
-52.8526, 12.0973

■ 36.2710, -17.8816,  
-4.6227

■ 243.9420,  
-42.3694, 9.6979

■ 15.8490, -7.8136,  
-13.8996

■ 247.1340,  
-30.1391, 6.8985

■ 0.0000, 0.0000,  
0.0000

■ 250.4400,

-17.4719, 3.9991

253.7460, -4.8048,  
1.0998

126.3690,  
-53.4259, 9.3234

126.3690,  
-53.4259, 9.3234

124.4740,  
-59.3937, 10.1083

128.2640,  
-47.4582, 8.5385

124.0180,  
-61.1409, 10.5082

129.8600,  
-41.3430, 7.1388

131.8690,  
-34.9384, 6.2539

133.4650,  
-28.8232, 4.8542

135.3600,  
-22.8555, 4.0693

■ 136.9560,  
-16.7403, 2.6696

■ 138.8510,  
-10.7725, 1.8847

■ 140.8600, -4.3680,  
0.9998

■ 142.4560, 1.7472,  
-0.3999

# Harmonies

## Analogous

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



130.9420, -52.2294, 45.6549



126.3690, -53.4259, 9.3234



119.1470, -30.1455, -37.8399

# Triad

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



126.3690, -53.4259, 9.3234



116.5720, 45.5670, -102.2336



136.4090, 13.6024, 70.6783

# Complementary

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



126.3690, -53.4259, 9.3234



33.6310, 53.4259, -9.3234

# 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.



140.2370, 34.3932, 28.7332



126.3690, -53.4259, 9.3234



114.4810, 60.4019, -100.3998

# Square

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



126.3690, -53.4259, 9.3234



112.9750, 24.1693, -99.0791



129.9060, 52.7973, -41.1366



132.0200, -9.8699, 85.9285



# Rectangle

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



126.3690, -53.4259, 9.3234



103.1200, -5.9752, -90.4362



129.9060, 52.7973, -41.1366



137.8790, 20.7657, 59.7421

# Sweetspot

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



126.3690, -53.4259, 9.3234



177.9300, -20.6715, 3.5694



57.4240, -19.4360, 74.1732



88.3950, -12.5197, 2.2846



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000



# Same Dimension

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



126.3690, -53.4259, 9.3234



160.6320, -79.1916, 13.4777



108.1300, -44.4341, -28.1780



70.2020, -3.0576, 0.6998



118.1150, -58.2307, 10.4231



6.7890, -3.3470, 0.1850



# Inverse Universe

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



33.6310, 53.4259, -9.3234



23.0690, 79.3390, -14.0925



51.8700, 44.4341, 28.1780



65.0970, 2.9102, -0.0851



16.8850, 58.2307, -10.4231



0.9120, 3.4944, -0.7998



# Previews

## White Background



This preview shows how the YUV color 126.3690, -53.4259, 9.3234 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 126.3690, -53.4259, 9.3234 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

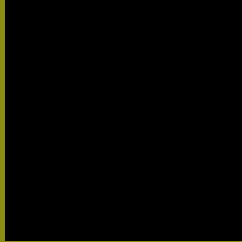
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 126.3690, -53.4259, 9.3234

## Background



This preview shows how black text looks on a background with the YUV color 126.3690, -53.4259, 9.3234.



This preview shows how white text looks on a background with the YUV color 126.3690, -53.4259, 9.3234.



# 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

126.3690, -53.4259, 9.3234

### Protanopia

128.2890, -55.3585, 22.5485

### Deuteranopia

130.3430, -50.4551, 36.5332



## Tritanopia

137.6250, 2.1569, 8.2219

# Trichromacy



## Original Color

126.3690, -53.4259, 9.3234

## Protanomaly

127.7830, -54.6160, 17.7303

## Deuteranomaly

128.9350, -51.7330, 26.3670

## Tritanomaly

133.6470, -18.0670, 8.2026

# Monochromacy



## Original Color

126.3690, -53.4259, 9.3234

## Achromatopsia

126.0000, 0.0000, 0.0000

## Achromatomaly

126.2720, -19.3611, 3.2695

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 126.3690, -53.4259, 9.3234 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(137, 142, 18)` looks like.

```
.text, #text, p{  
    color:rgb(137, 142, 18)  
}
```

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(137, 142, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 142, 18) }
```

## Border

The CSS property to change the border of an element to YUV 126.3690, -53.4259, 9.3234 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(137, 142, 18) }
```



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

```
.border{ border-color:rgb(137, 142, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 142, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 142, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 142, 18);  
box-shadow:4px 4px 4px 4px rgb(137, 142,  
18) }
```

# Background

The CSS property to change the background color of an element to YUV 126.3690, -53.4259, 9.3234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 142, 18) }
```

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

```
.background{ background-color: rgb(137,  
142, 18) }
```

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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