

# Converting Colors

YUV(149.2570, -3.0847, 9.4216)

Have a look what the booklet for  
YUV(149.2570, -3.0847, 9.4216)  
contains.

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# Color

**YUV(149.2570, -3.0847,  
9.4216)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A0918F
RGB	160, 145, 143
RGB Percent	63%, 57%, 56%
CMY	0.3725, 0.4314, 0.4392
CMYK	0.00, 0.09, 0.11, 0.37
HSL	7°, 8%, 59%
HSV	7°, 11%, 63%
XYZ	29.5805, 29.7076, 30.1617
YIQ	149.2570, 9.5820, 2.5580

# Conversions

## Conversions Part 2

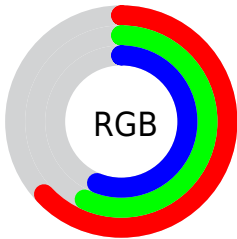
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	160, 145, 143
Decimal	10523023
CIE Lab	61.40, 5.21, 3.07
CIE LCh	61, 6.052, 30.534
Yxy	29.7076, 0.3307, 0.3321
Android (android.graphics.Color)	4288713103 (0xFFA0918F)
YUV	149.2570, -3.0847, 9.4216
Hunter-Lab	54.5046, 1.4917, 5.3435

# Details

The YUV color **149.2570, -3.0847, 9.4216** is a light color, and the websafe version is hex **999999**. A complement of this color would be **153.7430, 3.0847, -9.4216**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.5560, -3.2321, 10.0364**, and **98.6590, -2.7899, 8.1921** is the 20% darker color. If you saturate the color by 10%, you get **139.2150, -6.0220, 18.2284**, and if you desaturate by 10%, it is **159.2990, -0.1474, 0.6148**.

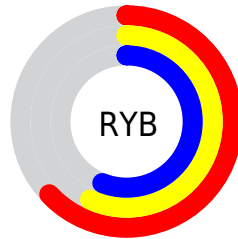
# Distribution



Red (63%)

Green (57%)

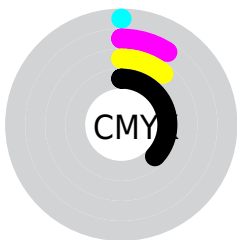
Blue (56%)



Red (63%)

Yellow (57%)

Blue (56%)

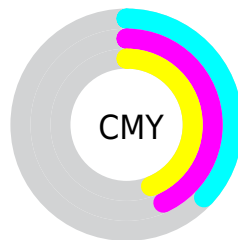


Cyan (0%)

Magenta (9%)

Yellow (11%)

Black (37%)



Cyan (37%)

Magenta (43%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 149.2570, -3.0847, 9.4216 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 149.2570, -3.0847, 9.4216 by changing the saturation by 10% instead.



■ 149.2570, -3.0847,  
9.4216

■ 149.2570, -3.0847,  
9.4216

255.0000, 0.0000,  
0.0000

■ 123.2570, -3.0847,  
9.4216

■ 203.5560, -3.2321,  
10.0364

■ 98.6590, -2.7899,  
8.1921

■ 231.5560, -3.2321,  
10.0364

■ 74.6590, -2.7899,  
8.1921

254.7720, -0.8736,  
0.2000

■ 52.3600, -2.6425,  
7.5773

■ 31.0610, -2.4951,  
6.9625

■ 6.2680, -3.0901,  
11.1660

■ 0.0000, 0.0000,

0.0000

■ 149.2570, -3.0847,  
9.4216

■ 149.2570, -3.0847,  
9.4216

■ 139.2150, -6.0220,  
18.2284

■ 159.2990, -0.1474,  
0.6148

■ 129.1730, -8.9593,  
27.0353

■ 169.3410, 2.7899,  
-8.1921

■ 119.1310,  
-11.8966, 35.8421

■ 179.3830, 5.7272,  
-16.9989

■ 109.0890,  
-14.8339, 44.6489

■ 189.4250, 8.6645,  
-25.8057

■ 98.4600, -17.4818,  
53.9706

■ 200.0540, 11.3124,  
-35.1274

■ 88.4180, -20.4191,  
62.7774

■ 210.0960, 14.2497,  
-43.9342

■ 78.3760, -23.3564,  
71.5842

■ 220.1380, 17.1870,  
-52.7410

■ 68.3340, -26.2937,  
80.3911

■ 226.5950, 14.0037,  
-58.4038

■ 58.9930, -29.0835,  
88.5831

# Harmonies

## Analogous

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



149.5280, -0.7533, 8.3069



149.2570, -3.0847, 9.4216



148.7900, -4.8265, 8.0772

# Triad

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



149.2570, -3.0847, 9.4216



147.0980, -2.0203, -5.3479



148.3460, 5.2524, -4.6884

# Complementary

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



149.2570, -3.0847, 9.4216



153.7430, 3.0847, -9.4216

# 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.



147.2100, 4.8265, -8.0772



149.2570, -3.0847, 9.4216



146.7600, 0.6113, -9.4365

# Square

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



149.2570, -3.0847, 9.4216



147.8490, -4.3626, -0.7446



146.4440, 3.2321, -10.0364



149.0370, 3.9258, 0.8446



# Rectangle

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



149.2570, -3.0847, 9.4216



148.3660, -5.1104, 5.8180



146.4440, 3.2321, -10.0364



147.7480, 5.5472, -5.9180

# Sweetspot

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



149.2570, -3.0847, 9.4216



205.3810, -1.1738, 3.1739



149.7930, 4.0461, 8.9515



102.0820, -1.0264, 2.5591



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000



# Same Dimension

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



149.2570, -3.0847, 9.4216



191.8340, -4.8482, 15.0546



153.9530, -5.3998, 5.3032



73.9790, -1.4686, 4.4034



52.7360, -25.9988, 79.1615



5.6590, -2.7899, 8.1921



# Inverse Universe

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



153.7430, 3.0847, -9.4216



199.1660, 4.8482, -15.0546



149.0470, 5.3998, -5.3032



76.0210, 1.4686, -4.4034



90.2640, 25.9988, -79.1615



9.9280, 2.5005, -8.7069



# Previews

## White Background



This preview shows how the YUV color 149.2570, -3.0847, 9.4216 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

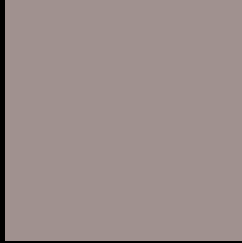
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 149.2570, -3.0847, 9.4216 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 149.2570, -3.0847, 9.4216

## Background



This preview shows how black text looks on a background with the YUV color 149.2570, -3.0847, 9.4216.



This preview shows how white text looks on a background with the YUV color 149.2570, -3.0847,



# 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

149.2570, -3.0847, 9.4216

### Protanopia

148.7400, -2.3368, 2.8590

### Deuteranopia

149.2790, -3.0955, 12.9103



## Tritanopia

149.9350, 2.0040, 10.5810

# Trichromacy



## Original Color

149.2570, -3.0847, 9.4216

## Protanomaly

149.0500, -2.4897, 5.2181

## Deuteranomaly

149.5670, -3.2375, 11.7807

## Tritanomaly

149.7670, 0.1149, 9.8513

# Monochromacy



## Original Color

149.2570, -3.0847, 9.4216

## Achromatopsia

149.0000, 0.0000, 0.0000

## Achromatomaly

149.3810, -1.1738, 3.1739

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 149.2570, -3.0847, 9.4216 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(160, 145, 143)` looks like.

```
.text, #text, p{  
    color:rgb(160, 145, 143)  
}
```

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(160, 145, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 145, 143) }
```

## Border

The CSS property to change the border of an element to YUV 149.2570, -3.0847, 9.4216 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(160, 145, 143) }
```



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

```
.border{ border-color:rgb(160, 145, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 145, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 145, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 145, 143);  
box-shadow:4px 4px 4px 4px rgb(160, 145,  
143) }
```

# Background

The CSS property to change the background color of an element to YUV 149.2570, -3.0847, 9.4216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 145, 143) }
```

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

```
.background{ background-color: rgb(160,  
145, 143) }
```

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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