

# Converting Colors

YUV(160.8240, -29.9862,  
4.5394)

Have a look what the booklet for  
YUV(160.8240, -29.9862, 4.5394)  
contains.

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# Color

**YUV(160.8240, -29.9862,  
4.5394)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A6AA64
RGB	166, 170, 100
RGB Percent	65%, 67%, 39%
CMY	0.3490, 0.3333, 0.6078
CMYK	0.02, 0.00, 0.41, 0.33
HSL	63°, 29%, 53%
HSV	63°, 41%, 67%
XYZ	32.4009, 37.7765, 17.6405
YIQ	160.8240, 20.0860, -22.6180

# Conversions

## Conversions Part 2

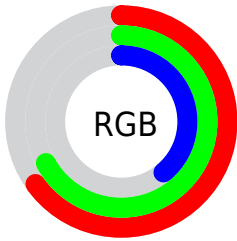
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	100, 170, 104
Decimal	10922596
CIELab	67.86, -12.16, 35.55
CIELCh	68, 37.572, 108.891
Yxy	37.7765, 0.3690, 0.4302
Android (android.graphics.Color)	4289112676 (0xFFA6AA64)
YUV	160.8240, -29.9862, 4.5394
Hunter-Lab	61.4626, -13.4609, 26.0069

# Details

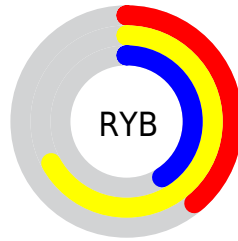
The YUV color **160.8240, -29.9862, 4.5394** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **109.1760, 29.9862, -4.5394**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.7810, -31.4440, 5.4541**, and **108.8670, -28.5284, 3.6246** is the 20% darker color. If you saturate the color by 10%, you get **158.5870, -37.2644, 5.6242**, and if you desaturate by 10%, it is **163.0610, -22.7081, 3.4545**.

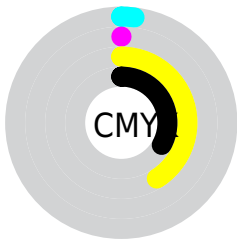
# Distribution



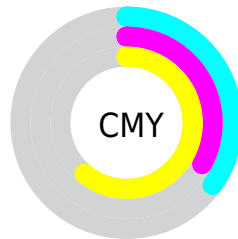
- Red (65%)
- Green (67%)
- Blue (39%)



- Red (39%)
- Yellow (67%)
- Blue (41%)



- Cyan (2%)
- Magenta (0%)
- Yellow (41%)
- Black (33%)



- Cyan (35%)
- Magenta (33%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 160.8240, -29.9862, 4.5394 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 160.8240, -29.9862, 4.5394 by changing the saturation by 10% instead.



■ 160.8240,  
-29.9862, 4.5394

■ 160.8240,  
-29.9862, 4.5394

■ 255.0000, 0.0000,  
0.0000

■ 134.6390,  
-29.4020, 3.8246

■ 215.7810,  
-31.4440, 5.4541

■ 108.8670,  
-28.5284, 3.6246

■ 244.5530,  
-32.3176, 5.6540

■ 83.6820, -27.9442,  
2.9099

■ 249.5280,  
-20.9663, 4.7989

■ 59.8560, -28.5230,  
1.8803

■ 252.7200, -8.7360,  
1.9996

■ 40.1360, -19.7870,  
-0.1193

■ 19.4370, -9.5824,  
-6.5222

■ 0.0000, 0.0000,

0.0000

■ 160.8240,  
-29.9862, 4.5394

■ 160.8240,  
-29.9862, 4.5394

■ 158.5870,  
-37.2644, 5.6242

■ 163.0610,  
-22.7081, 3.4545

■ 156.3500,  
-44.5425, 6.7091

■ 165.2980,  
-15.4299, 2.3697

■ 154.1130,  
-51.8207, 7.7939

■ 167.5350, -8.1518,  
1.2848

■ 151.8760,  
-59.0989, 8.8787

■ 169.7720, -0.8736,  
0.2000

■ 149.6390,  
-66.3770, 9.9636

■ 172.0090, 6.4046,  
-0.8849

■ 147.6300,  
-72.7816, 10.8485

■ 174.2460, 13.6827,  
-1.9697

■ 176.4830, 20.9609,  
-3.0546

■ 178.7200, 28.2390,  
-4.1394

■ 180.9570, 35.5172,  
-5.2243

# Harmonies

## Analogous

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



164.1200, -32.1042, 30.5898



160.8240, -29.9862, 4.5394



156.1390, -17.8165, -25.5549

# Triad

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



160.8240, -29.9862, 4.5394



137.6450, 38.1360, -98.7897



169.2630, 4.8003, 47.1273

# Complementary

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



160.8240, -29.9862, 4.5394



109.1760, 29.9862, -4.5394

# 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.



170.0070, 19.7165, 22.7959



160.8240, -29.9862, 4.5394



155.1050, 37.4162, -54.4661

# Square

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



160.8240, -29.9862, 4.5394



136.6980, 24.3059, -96.2051



165.7620, 31.1763, -12.9463



168.0780, -11.3775, 56.0596



# Rectangle

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



160.8240, -29.9862, 4.5394



152.0960, -5.9633, -47.4422



165.7620, 31.1763, -12.9463



169.7120, 10.4950, 40.5946

# Sweetspot

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



160.8240, -29.9862, 4.5394



218.3240, -11.4987, 1.4699



122.6910, -11.1867, 41.4900



109.8770, -6.8414, 0.9849



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000



# Same Dimension

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



160.8240, -29.9862, 4.5394



207.7800, -46.7265, 7.2089



150.3590, -24.8270, -16.9778



83.0880, -3.4944, 0.7998



128.4370, -63.3194, 9.2638



17.4210, -8.5886, 1.3848



# Inverse Universe

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



109.1760, 29.9862, -4.5394



127.2200, 46.7265, -7.2089



119.3420, 24.9744, 16.3631



76.9120, 3.4944, -0.7998



19.2640, 63.4668, -9.8785



2.5790, 8.5886, -1.3848



# Previews

## White Background



This preview shows how the YUV color 160.8240, -29.9862, 4.5394 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

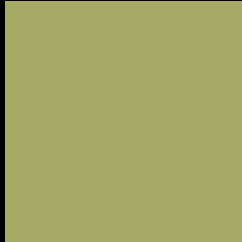
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 160.8240, -29.9862, 4.5394 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

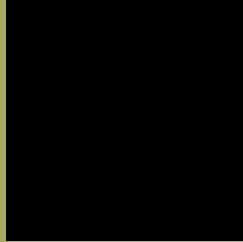
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 160.8240, -29.9862, 4.5394 Background



This preview shows how black text looks on a background with the YUV color 160.8240, -29.9862, 4.5394.



This preview shows how white text looks on a background with the YUV color 160.8240, -29.9862, 4.5394.



# 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

160.8240, -29.9862, 4.5394

### Protanopia

162.1460, -31.6240, 16.5350

### Deuteranopia

164.2880, -30.2150, 31.3194



## Tritanopia

166.6680, 3.6147, 7.3072

# Trichromacy



## Original Color

160.8240, -29.9862, 4.5394

## Protanomaly

161.9390, -31.0289, 12.3315

## Deuteranomaly

162.9340, -30.0405, 21.9829

## Tritanomaly

164.4540, -8.6048, 6.6178

# Monochromacy



## Original Color

160.8240, -29.9862, 4.5394

## Achromatopsia

161.0000, 0.0000, 0.0000

## Achromatomaly

160.8510, -10.7725, 1.8847

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 160.8240, -29.9862, 4.5394 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(166, 170, 100)` looks like.

```
.text, #text, p{  
    color:rgb(166, 170, 100)  
}
```

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(166, 170, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 170, 100) }
```

## Border

The CSS property to change the border of an element to YUV 160.8240, -29.9862, 4.5394 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(166, 170, 100) }
```



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

```
.border{ border-color:rgb(166, 170, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 170, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 170, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 170, 100);  
box-shadow:4px 4px 4px 4px rgb(166, 170,  
100) }
```

# Background

The CSS property to change the background color of an element to YUV 160.8240, -29.9862, 4.5394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 170, 100) }
```

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

```
.background{ background-color: rgb(166,  
170, 100) }
```

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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