

# Converting Colors

YUV(140.3850, 29.8832,  
28.6034)

Have a look what the booklet for  
YUV(140.3850, 29.8832, 28.6034)  
contains.

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# Color

**YUV(140.3850, 29.8832,  
28.6034)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AD70C9
RGB	173, 112, 201
RGB Percent	68%, 44%, 79%
CMY	0.3216, 0.5608, 0.2118
CMYK	0.14, 0.44, 0.00, 0.21
HSL	281°, 45%, 61%
HSV	281°, 44%, 79%
XYZ	33.5704, 24.6896, 58.2546
YIQ	140.3850, 7.7870, 40.6110

# Conversions

## Conversions Part 2

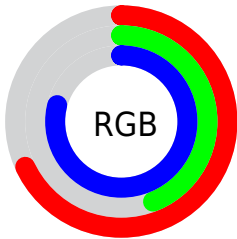
<b>Format</b>	<b>Color</b>
<b>RYB</b>	173, 112, 201
Decimal	11366601
CIELab	56.77, 39.76, -36.89
CIELCh	57, 54.243, 317.143
Yxy	24.6896, 0.2881, 0.2119
Android (android.graphics.Color)	4289556681 (0xFFAD70C9)
YUV	140.3850, 29.8832, 28.6034
Hunter-Lab	49.6887, 33.6420, -34.7290

# Details

The YUV color  $140.3850, 29.8832, 28.6034$  is a light color, and the websafe version is hex  $9966CC$ . A complement of this color would be  $172.6150, -29.8832, -28.6034$ , and the grayscale version is  $140.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $194.6950, 29.7304, 30.9625$ , and  $88.7330, 28.7256, 26.5442$  is the 20% darker color. If you saturate the color by 10%, you get  $126.8510, 36.5555, 35.2107$ , and if you desaturate by 10%, it is  $153.9190, 23.2109, 21.9960$ .

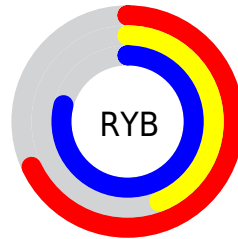
# Distribution



Red (68%)

Green (44%)

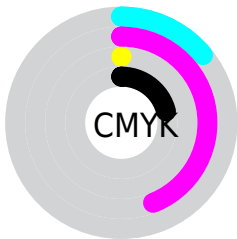
Blue (79%)



Red (68%)

Yellow (44%)

Blue (79%)

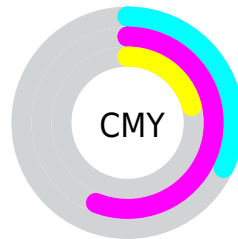


Cyan (14%)

Magenta (44%)

Yellow (0%)

Black (21%)



Cyan (32%)

Magenta (56%)


Yellow (21%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 140.3850, 29.8832, 28.6034 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 140.3850, 29.8832, 28.6034 by changing the saturation by 10% instead.





 140.3850, 29.8832,  
28.6034


 140.3850, 29.8832,  
28.6034


255.0000, 0.0000,  
0.0000

 114.4450, 28.8676,  
27.6737


 194.6950, 29.7304,  
30.9625


 88.7330, 28.7256,  
26.5442


 218.6060, 17.9422,  
31.9175


 63.2060, 27.9994,  
26.1293

 235.0420, 9.8393,  
17.5032

 37.3200, 28.4362,  
26.0294

 252.0650, 1.4470,  
2.5740

 20.6520, 24.8216,  
18.7222

 11.1530, 18.1656,  
6.8818

 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,  
0.0000

■ 140.3850, 29.8832,  
28.6034

■ 140.3850, 29.8832,  
28.6034

■ 126.8510, 36.5555,  
35.2107

■ 153.9190, 23.2109,  
21.9960

■ 113.0180, 43.3751,  
41.2032

■ 167.7520, 16.3913,  
16.0035

■ 99.4840, 50.0474,  
47.8105

■ 181.2860, 9.7190,  
9.3962

■ 85.9500, 56.7197,  
54.4179

■ 194.8200, 3.0467,  
2.7889

■ 71.5300, 63.8287,  
60.9252

■ 209.2400, -4.0623,  
-3.7185

64.1760, 67.4542,  
64.7436

222.7740,  
-10.7346, -10.3258

236.3080,  
-17.4068, -16.9331

239.5750,  
-19.0175, -13.6593

241.3690,  
-19.9019, -9.9706

# Harmonies

## Analogous

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



132.9630, 46.3602, -29.7856



140.3850, 29.8832, 28.6034



137.2790, 10.7085, 65.5303

# Triad

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



140.3850, 29.8832, 28.6034



132.1030, -46.3928, 40.2517



111.9150, 25.1849, -98.1495

# Complementary

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



140.3850, 29.8832, 28.6034



172.6150, -29.8832, -28.6034

# 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.



105.7420, 4.0712, -92.7357



140.3850, 29.8832, 28.6034



127.9370, -44.8319, 6.1943

# Square

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



140.3850, 29.8832, 28.6034



133.6390, -32.3600, 66.0916



120.8960, -26.0777, -35.8658



114.9420, 44.3986, -100.8041



# Rectangle

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



140.3850, 29.8832, 28.6034



134.8600, -3.8750, 76.4218



120.8960, -26.0777, -35.8658



109.9770, 17.7593, -96.4498

# Sweetspot

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



140.3850, 29.8832, 28.6034



232.6390, 11.0240, 10.8406



138.5820, 30.7721, -23.3124



113.5800, 7.1091, 6.5073



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

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



140.3850, 29.8832, 28.6034



162.8980, 45.4063, 43.0625



146.9330, 18.7670, 47.4168



92.8200, 3.0467, 2.7889



52.0700, 54.6885, 52.5586



11.2800, 12.1870, 11.1554



# Inverse Universe

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



141.8030, -0.8889, 51.9158



165.1530, -1.5544, 78.7958



166.0670, -18.7670, -47.4168



93.0330, -0.0163, 5.2331



54.5510, -1.7506, 95.1098



12.0180, -0.5019, 21.0322



# Previews

## White Background



This preview shows how the YUV color 140.3850, 29.8832, 28.6034 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

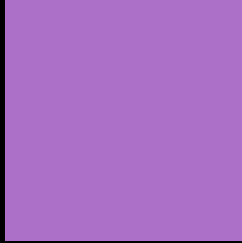
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 140.3850, 29.8832, 28.6034 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

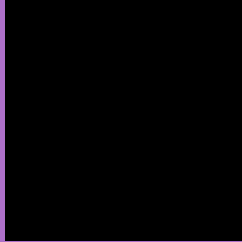
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 140.3850, 29.8832, 28.6034

## Background



This preview shows how black text looks on a background with the YUV color 140.3850, 29.8832, 28.6034.



This preview shows how white text looks on a background with the YUV color 140.3850, 29.8832,



# 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

140.3850, 29.8832, 28.6034

### Protanopia

134.5350, 42.1342, -27.6562

### Deuteranopia

135.3760, 29.8876, -19.6238



## Tritanopia

138.7900, -1.3755, 21.2322

# Trichromacy



## Original Color

140.3850, 29.8832, 28.6034



## Protanomaly

136.5160, 37.7066, -7.4685



## Deuteranomaly

137.4860, 29.8334, -2.1802



## Tritanomaly

139.7870, 9.9650, 23.8658

# Monochromacy



## Original Color

140.3850, 29.8832, 28.6034



## Achromatopsia

140.0000, 0.0000, 0.0000



## Achromatomaly

140.2260, 10.7346, 10.3258

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 140.3850, 29.8832, 28.6034 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(173, 112, 201)` looks like.

```
.text, #text, p{  
    color:rgb(173, 112, 201)  
}
```

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(173, 112, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 112, 201) }
```

## Border

The CSS property to change the border of an element to YUV 140.3850, 29.8832, 28.6034 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(173, 112, 201) }
```



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

```
.border{ border-color:rgb(173, 112, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 112, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 112, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 112, 201);  
box-shadow:4px 4px 4px 4px rgb(173, 112,  
201) }
```

# Background

The CSS property to change the background color of an element to YUV 140.3850, 29.8832, 28.6034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 112, 201) }
```

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

```
.background{ background-color: rgb(173,  
112, 201) }
```

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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