

# Converting Colors

YUV(129.6860, 36.6368, 9.0454)

Have a look what the booklet for  
YUV(129.6860, 36.6368, 9.0454)  
contains.

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# Color

**YUV(129.6860, 36.6368,  
9.0454)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8C6ECC
RGB	140, 110, 204
RGB Percent	55%, 43%, 80%
CMY	0.4510, 0.5686, 0.2000
CMYK	0.31, 0.46, 0.00, 0.20
HSL	259°, 48%, 62%
HSV	259°, 46%, 80%
XYZ	27.2902, 21.0869, 59.7586
YIQ	129.6860, -12.2940, 35.5940

# Conversions

## Conversions Part 2

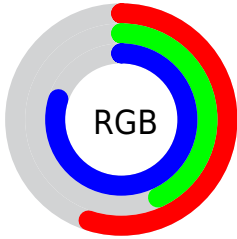
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	140, 110, 204
Decimal	9203404
CIE Lab	53.04, 32.25, -44.71
CIE LCh	53, 55.125, 305.807
Yxy	21.0869, 0.2524, 0.1950
Android (android.graphics.Color)	4287393484 (0xFF8C6ECC)
YUV	129.6860, 36.6368, 9.0454
Hunter-Lab	45.9205, 25.7203, -45.0126

# Details

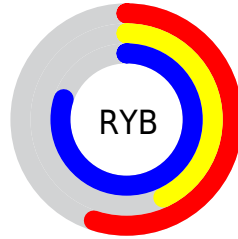
The YUV color  $129.6860, 36.6368, 9.0454$  is a dark color, and the websafe version is hex  $9966CC$ . A complement of this color would be  $184.3140, -36.6368, -9.0454$ , and the grayscale version is  $129.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $182.7680, 35.6104, 11.6045$ , and  $78.5070, 34.7530, 6.5714$  is the 20% darker color. If you saturate the color by 10%, you get  $113.7600, 44.4883, 10.7345$ , and if you desaturate by 10%, it is  $145.6120, 28.7853, 7.3563$ .

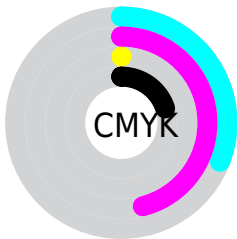
# Distribution



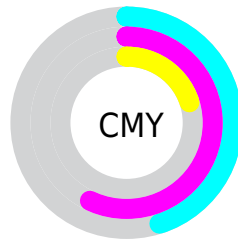
- Red (55%)
- Green (43%)
- Blue (80%)



- Red (55%)
- Yellow (43%)
- Blue (80%)



- Cyan (31%)
- Magenta (46%)
- Yellow (0%)
- Black (20%)



- Cyan (45%)
- Magenta (57%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 129.6860, 36.6368, 9.0454 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 129.6860, 36.6368, 9.0454 by changing the saturation by 10% instead.



129.6860, 36.6368,  
9.0454

129.6860, 36.6368,  
9.0454

255.0000, 0.0000,  
0.0000

103.7460, 35.6212,  
8.1158

182.7680, 35.6104,  
11.6045

78.5070, 34.7530,  
6.5714

207.2880, 23.5220,  
15.5334

54.8550, 33.5955,  
4.5122

232.3950, 11.1443,  
18.9476

30.7190, 33.1695,  
1.1234

249.7170, 2.6045,  
4.6332

8.3220, 31.8863,  
-7.2984

6.8740, 21.2611,  
-6.0285

3.7790, 11.9410,

-3.3142

■ 0.0000, 0.0000,  
0.0000

■ 129.6860, 36.6368,  
9.0454

■ 129.6860, 36.6368,  
9.0454

■ 113.7600, 44.4883,  
10.7345

■ 145.6120, 28.7853,  
7.3563

■ 97.2470, 52.6292,  
12.9384

■ 162.1250, 20.6444,  
5.1524

■ 81.3210, 60.4807,  
14.6275

■ 178.0510, 12.7929,  
3.4633

■ 64.8080, 68.6217,  
16.8314

■ 194.5640, 4.6519,  
1.2594

■ 49.1810, 76.3258,  
19.1353

■ 210.1910, -3.0522,  
-1.0445

42.6910, 79.5253,  
19.5650

226.1170,  
-10.9037, -2.7336

242.6300,  
-19.0446, -4.9375

247.9900,  
-21.6871, 2.6398

249.1860,  
-22.2767, 5.0989

# Harmonies

## Analogous

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



106.0000, 56.6950, -78.0530



129.6860, 36.6368, 9.0454



128.8630, 18.3085, 54.4941

# Triad

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



129.6860, 36.6368, 9.0454



122.7930, -42.7889, 51.0475



102.8530, 15.8485, -90.2021

# Complementary

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



129.6860, 36.6368, 9.0454



184.3140, -36.6368, -9.0454

# 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.



95.5060, -4.6865, -83.7588



129.6860, 36.6368, 9.0454



118.9450, -50.2589, 20.2192

# Square

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



129.6860, 36.6368, 9.0454



123.4470, -24.3774, 72.3990



114.8890, -35.4413, -19.1967



107.5100, 36.2306, -94.2863



# Rectangle

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



129.6860, 36.6368, 9.0454



125.1290, 4.8664, 72.6779



114.8890, -35.4413, -19.1967



100.9150, 8.4229, -88.5025

# Sweetspot

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



129.6860, 36.6368, 9.0454



226.6920, 13.9558, 3.7781



158.2840, 22.5380, -42.3451



110.6010, 8.5777, 2.1039



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.



129.6860, 36.6368, 9.0454



144.4150, 54.5184, 13.6680



143.7390, 29.7087, 37.9399



94.0370, 3.9258, 0.8446



34.7710, 64.6959, 15.9868



7.9200, 14.8294, 3.5782



# Inverse Universe

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



145.4020, 14.0988, 51.3904



167.6900, 20.8588, 76.5709



170.2610, -29.7087, -37.9399



95.7880, 1.5835, 5.4479



62.5160, 24.8886, 90.7555

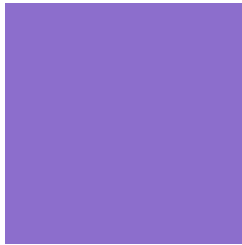


14.3260, 5.7553, 20.7621



# Previews

## White Background



This preview shows how the YUV color 129.6860, 36.6368, 9.0454 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

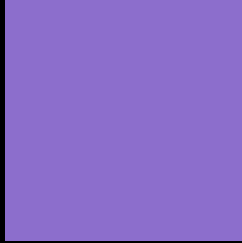
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 129.6860, 36.6368, 9.0454 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

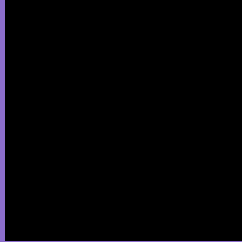
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 129.6860, 36.6368, 9.0454

## Background



This preview shows how black text looks on a background with the YUV color 129.6860, 36.6368, 9.0454.



This preview shows how white text looks on a background with the YUV color 129.6860, 36.6368, 9.0454.



# 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

129.6860, 36.6368, 9.0454

### Protanopia

123.2400, 46.2237, -32.6595

### Deuteranopia

123.0630, 37.9299, -32.5043



## Tritanopia

127.1400, 4.3680, -0.9998

# Trichromacy



## Original Color

129.6860, 36.6368, 9.0454

## Protanomaly

125.7150, 42.5385, -17.2901

## Deuteranomaly

125.6350, 37.1549, -17.2199

## Tritanomaly

127.9630, 16.2872, 2.6634

# Monochromacy



## Original Color

129.6860, 36.6368, 9.0454

## Achromatopsia

130.0000, 0.0000, 0.0000

## Achromatomaly

130.1650, 13.2297, 3.3633

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 129.6860, 36.6368, 9.0454 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(140, 110, 204)` looks like.

```
.text, #text, p{  
    color:rgb(140, 110, 204)  
}
```

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(140, 110, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 110, 204) }
```

## Border

The CSS property to change the border of an element to YUV 129.6860, 36.6368, 9.0454 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(140, 110, 204) }
```



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

```
.border{ border-color:rgb(140, 110, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 110, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 110, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 110, 204);  
box-shadow:4px 4px 4px 4px rgb(140, 110,  
204) }
```

# Background

The CSS property to change the background color of an element to YUV 129.6860, 36.6368, 9.0454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 110, 204) }
```

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

```
.background{ background-color: rgb(140,  
110, 204) }
```

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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