

# Converting Colors

YUV(69.6050, 46.5367, 53.8434)

Have a look what the booklet for  
YUV(69.6050, 46.5367, 53.8434)  
contains.

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# Color

**YUV(69.6050, 46.5367,  
53.8434)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8314A4
RGB	131, 20, 164
RGB Percent	51%, 8%, 64%
CMY	0.4863, 0.9216, 0.3569
CMYK	0.20, 0.88, 0.00, 0.36
HSL	286°, 78%, 36%
HSV	286°, 88%, 64%
XYZ	16.3111, 8.0059, 35.8076
YIQ	69.6050, 19.9320, 68.3160

# Conversions

## Conversions Part 2

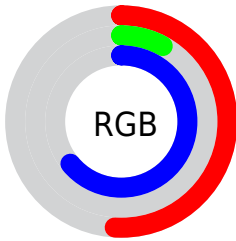
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 20, 164
Decimal	8590500
CIE Lab	34.00, 62.36, -51.85
CIE LCh	34, 81.099, 320.256
Yxy	8.0059, 0.2713, 0.1332
Android (android.graphics.Color)	4286780580 (0xFF8314A4)
YUV	69.6050, 46.5367, 53.8434
Hunter-Lab	28.2948, 53.3839, -55.2263

# Details

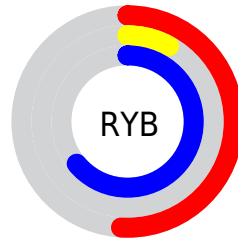
The YUV color **69.6050, 46.5367, 53.8434** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **114.3950, -46.5367, -53.8434**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.0130, 44.3636, 50.8546**, and **35.3780, 37.2816, 35.6255** is the 20% darker color. If you saturate the color by 10%, you get **59.0170, 51.7566, 59.6211**, and if you desaturate by 10%, it is **80.1930, 41.3169, 48.0657**.

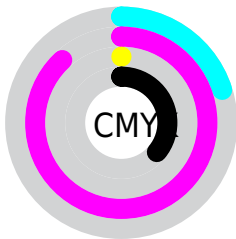
# Distribution



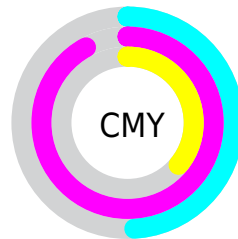
- Red (51%)
- Green (8%)
- Blue (64%)



- Red (51%)
- Yellow (8%)
- Blue (64%)



- Cyan (20%)
- Magenta (88%)
- Yellow (0%)
- Black (36%)



- Cyan (49%)
- Magenta (92%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 69.6050, 46.5367, 53.8434 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 69.6050, 46.5367, 53.8434 by changing the saturation by 10% instead.



69.6050, 46.5367,  
53.8434

69.6050, 46.5367,  
53.8434

255.0000, 0.0000,  
0.0000

46.4150, 44.6584,  
49.6250

130.0130, 44.3636,  
50.8546

35.3780, 37.2816,  
35.6255

157.8390, 44.9424,  
51.8842

24.4550, 30.3417,  
21.5260

183.9290, 35.0380,  
55.3133

12.7490, 24.2807,  
5.4821

202.7570, 25.7558,  
45.8171

6.2070, 16.1669,  
-5.4435

219.1930, 17.6529,  
31.4027

2.4110, 6.6994,  
-2.1144

236.2160, 9.2605,

0.0000, 0.0000,

16.4736

0.0000

253.8260, 0.5788,  
1.0296

■ 69.6050, 46.5367,  
53.8434

■ 69.6050, 46.5367,  
53.8434

■ 59.0170, 51.7566,  
59.6211

■ 80.1930, 41.3169,  
48.0657

■ 56.3700, 53.0616,  
61.0655

■ 91.3680, 35.8076,  
41.7733

■ 101.6570, 30.7351,  
35.3808

■ 112.8320, 25.2258,  
29.0883

■ 123.4200, 20.0059,  
23.3107

■ 134.0080, 14.7861,  
17.5330

■ 144.8840, 9.4242,  
10.6257

■ 155.4720, 4.2043,  
4.8481

■ 166.6470, -1.3050,  
-1.4444

# Harmonies

## Analogous

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



66.6940, 67.6919, -58.4906



69.6050, 46.5367, 53.8434



65.0780, 19.1885, 99.0326

# Triad

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



69.6050, 46.5367, 53.8434



75.7740, -37.3566, 35.2782



75.0700, 23.6295, -65.8364

# Complementary

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



69.6050, 46.5367, 53.8434



114.3950, -46.5367, -53.8434

# 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.



66.2580, -5.0572, -58.1083



69.6050, 46.5367, 53.8434



69.5740, -34.3000, -11.9044

# Square

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



69.6050, 46.5367, 53.8434



61.6290, -30.3831, 85.3944



58.1130, -28.6497, -50.9651



80.9810, 48.8164, -71.0203



# Rectangle

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



69.6050, 46.5367, 53.8434



62.3830, -0.1888, 107.5351



58.1130, -28.6497, -50.9651



72.5620, 14.0199, -63.6369

# Sweetspot

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



69.6050, 46.5367, 53.8434



177.8280, 17.8328, 20.3218



56.3740, 53.0596, -31.9000



85.2370, 10.7292, 12.0702



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000



# Same Dimension

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



69.6050, 46.5367, 53.8434



73.7310, 69.1526, 80.0429



75.1400, 25.0740, 77.9302



76.1190, 2.8993, 3.4036



50.0180, 46.8261, 54.3582



6.2380, 5.7987, 6.8073



# Inverse Universe

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



66.8180, -6.8123, 85.2286



69.5720, -10.1420, 126.6634



108.8600, -25.0740, -77.9302



75.9190, -0.4531, 5.3330



47.1170, -6.9597, 85.8434

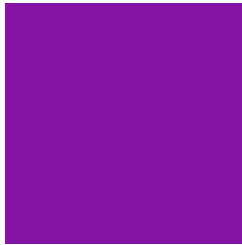


5.8380, -0.9061, 10.6661



# Previews

## White Background



This preview shows how the YUV color 69.6050, 46.5367, 53.8434 looks on a white 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



# Black Background



This preview shows how the YUV color 69.6050, 46.5367, 53.8434 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

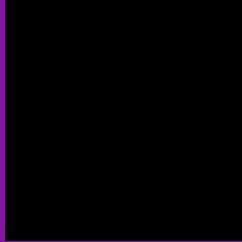
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 69.6050, 46.5367, 53.8434

## Background



This preview shows how black text looks on a background with the YUV color 69.6050, 46.5367, 53.8434.



This preview shows how white text looks on a background with the YUV color 69.6050, 46.5367,



# 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

69.6050, 46.5367, 53.8434

### Protanopia

65.2970, 49.6466, -57.2655

### Deuteranopia

65.3650, 39.7531, -57.3251



## Tritanopia

82.1180, -5.4812, 31.4685

# Trichromacy



## Original Color

69.6050, 46.5367, 53.8434

## Protanomaly

67.2080, 48.2115, -16.8454

## Deuteranomaly

67.0140, 42.3911, -16.6753

## Tritanomaly

77.5100, 13.5526, 39.8947

# Monochromacy



## Original Color

69.6050, 46.5367, 53.8434

## Achromatopsia

70.0000, 0.0000, 0.0000

## Achromatomaly

69.8880, 16.8172, 19.3922

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 69.6050, 46.5367, 53.8434 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(131, 20, 164)` looks like.

```
.text, #text, p{  
    color:rgb(131, 20, 164)  
}
```

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(131, 20, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 20, 164) }
```

## Border

The CSS property to change the border of an element to YUV 69.6050, 46.5367, 53.8434 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(131, 20, 164) }
```



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

```
.border{ border-color:rgb(131, 20, 164) }
```

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

Here you see how a box with a 4 pixel rgb(131, 20, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 20, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 20, 164);  
box-shadow:4px 4px 4px 4px rgb(131, 20,  
164) }
```

# Background

The CSS property to change the background color of an element to YUV 69.6050, 46.5367, 53.8434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 20, 164) }
```

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

```
.background{ background-color: rgb(131, 20,  
164) }
```

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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