

# Converting Colors

YUV(150.9980, 46.8360, 4.3868)

Have a look what the booklet for  
YUV(150.9980, 46.8360, 4.3868)  
contains.

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# Color

**YUV(150.9980, 46.8360,  
4.3868)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9C82F6
RGB	156, 130, 246
RGB Percent	61%, 51%, 96%
CMY	0.3882, 0.4902, 0.0353
CMYK	0.37, 0.47, 0.00, 0.04
HSL	253°, 87%, 74%
HSV	253°, 47%, 96%
XYZ	38.3275, 29.6870, 90.8989
YIQ	150.9980, -21.7400, 41.5880

# Conversions

## Conversions Part 2

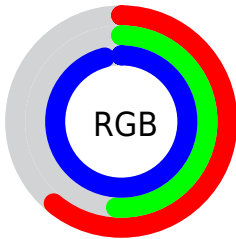
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	156, 130, 246
Decimal	10257142
CIE <sub>Lab</sub>	61.38, 35.85, -54.90
CIE <sub>LCh</sub>	61, 65.569, 303.144
Y <sub>xy</sub>	29.6870, 0.2412, 0.1868
Android (android.graphics.Color)	4288447222 (0xFF9C82F6)
YUV	150.9980, 46.8360, 4.3868
Hunter-Lab	54.4858, 30.2139, -60.7737

# Details

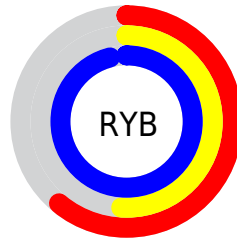
The YUV color **150.9980, 46.8360, 4.3868** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **225.0020, -46.8360, -4.3868**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.4770, 26.8798, 11.8597**, and **98.4060, 44.6628, 1.3979** is the 20% darker color. If you saturate the color by 10%, you get **130.6420, 56.8715, 5.5760**, and if you desaturate by 10%, it is **171.3540, 36.8005, 3.1975**.

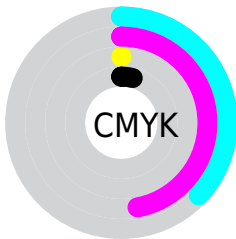
# Distribution



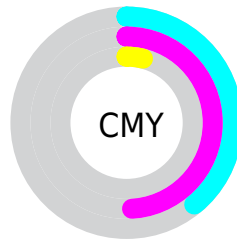
- Red (61%)
- Green (51%)
- Blue (96%)



- Red (61%)
- Yellow (51%)
- Blue (96%)



- Cyan (37%)
- Magenta (47%)
- Yellow (0%)
- Black (4%)



- Cyan (39%)
- Magenta (49%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 150.9980, 46.8360, 4.3868 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 150.9980, 46.8360, 4.3868 by changing the saturation by 10% instead.



150.9980, 46.8360,  
4.3868

150.9980, 46.8360,  
4.3868

255.0000, 0.0000,  
0.0000

124.6450, 45.5310,  
2.9423

200.4770, 26.8798,  
11.8597

98.4060, 44.6628,  
1.3979

225.5840, 14.5021,  
15.2738

73.0420, 43.3633,  
-1.7908

246.1950, 4.3409,  
7.7220

47.3080, 43.2322,  
-6.4091

19.4700, 44.1383,  
-17.0752

9.5760, 36.6910,  
-8.3982

10.3620, 24.4715,

-9.0875

■ 5.3920, 15.5827,  
-4.7288

■ 2.0690, 5.3890,  
-1.8145

■ 150.9980, 46.8360,  
4.3868

■ 150.9980, 46.8360,  
4.3868

■ 130.6420, 56.8715,  
5.5760

■ 171.3540, 36.8005,  
3.1975

■ 110.8730, 66.6176,  
6.2504

■ 191.1230, 27.0544,  
2.5231

■ 90.5170, 76.6531,  
7.4396

■ 211.4790, 17.0189,  
1.3339

■ 70.7480, 86.3992,  
8.1140

■ 231.2480, 7.2727,  
0.6595

■ 50.3920, 96.4347,  
9.3032

■ 251.6040, -2.7628,  
-0.5297

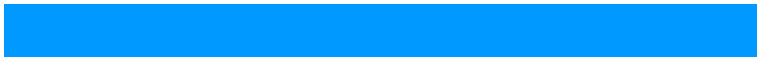
■ 44.4890, 99.3449,  
9.2181

■ 253.9740, -3.9312,  
0.8998

# Harmonies

## Analogous

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



118.8810, 67.1067, -104.2586



150.9980, 46.8360, 4.3868



150.7530, 25.2648, 63.3606

# Triad

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



150.9980, 46.8360, 4.3868



142.7040, -51.1261, 65.1576



120.1670, 16.1867, -105.3865

# Complementary

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



150.9980, 46.8360, 4.3868



225.0020, -46.8360, -4.3868

# 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.



110.9790, -8.8636, -97.3286



150.9980, 46.8360, 4.3868



138.0050, -68.0365, 28.9366

# Square

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



150.9980, 46.8360, 4.3868



142.8730, -27.0524, 90.4424



133.6150, -46.6452, -18.9564



126.0780, 41.3735, -110.5704



# Rectangle

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



150.9980, 46.8360, 4.3868



145.9550, 8.8962, 86.8625



133.6150, -46.6452, -18.9564



117.1860, 7.3033, -102.7721

# Sweetspot

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



150.9980, 46.8360, 4.3868



225.4960, 14.5455, 1.3190



196.6410, 24.3340, -58.4442



110.0030, 8.8725, 0.8744



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.



150.9980, 46.8360, 4.3868



136.0980, 58.6187, 5.1761



168.0410, 38.4338, 39.4290



112.2650, 4.7994, 0.6446



33.7620, 75.0533, 7.2247



10.6130, 23.8548, 2.0934



# Inverse Universe

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



174.9440, 22.2126, 62.3161



166.1230, 27.5474, 77.9451



207.9590, -38.4338, -39.4290



114.7280, 2.5991, 6.3775



72.0300, 35.4812, 99.9517

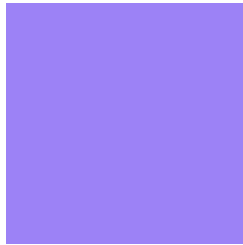


22.8850, 11.3957, 31.6729



# Previews

## White Background



This preview shows how the YUV color 150.9980, 46.8360, 4.3868 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

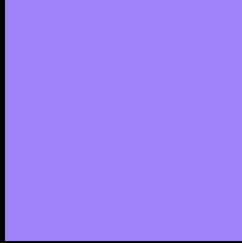
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 150.9980, 46.8360, 4.3868 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

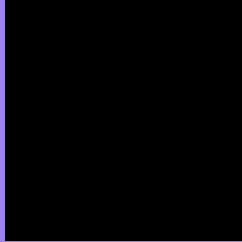
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 150.9980, 46.8360, 4.3868

## Background



This preview shows how black text looks on a background with the YUV color 150.9980, 46.8360, 4.3868.



This preview shows how white text looks on a background with the YUV color 150.9980, 46.8360,

4.3868.

# 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

150.9980, 46.8360, 4.3868

### Protanopia

143.7860, 54.8285, -39.2773

### Deuteranopia

141.9610, 49.3192, -45.5698



## Tritanopia

147.4810, 7.1579, -9.1918

# Trichromacy



## Original Color

150.9980, 46.8360, 4.3868

## Protanomaly

146.7880, 51.8695, -23.4931

## Deuteranomaly

145.1420, 48.2440, -27.3115

## Tritanomaly

148.9990, 21.6925, -4.3841

# Monochromacy



## Original Color

150.9980, 46.8360, 4.3868

## Achromatopsia

151.0000, 0.0000, 0.0000

## Achromatomaly

150.8920, 17.3082, 1.8487

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 150.9980, 46.8360, 4.3868 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(156, 130, 246)` looks like.

```
.text, #text, p{  
    color:rgb(156, 130, 246)  
}
```

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(156, 130, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 130, 246) }
```

## Border

The CSS property to change the border of an element to YUV 150.9980, 46.8360, 4.3868 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(156, 130, 246) }
```



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

```
.border{ border-color:rgb(156, 130, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 130, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 130, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 130, 246);  
box-shadow:4px 4px 4px 4px rgb(156, 130,  
246) }
```

# Background

The CSS property to change the background color of an element to YUV 150.9980, 46.8360, 4.3868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 130, 246) }
```

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

```
.background{ background-color: rgb(156,  
130, 246) }
```

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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