

# Converting Colors

YUV(94.7400, 51.4002,  
-12.9270)

Have a look what the booklet for  
YUV(94.7400, 51.4002, -12.9270)  
contains.

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# Color

**YUV(94.7400, 51.4002,  
-12.9270)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5052C7
RGB	80, 82, 199
RGB Percent	31%, 32%, 78%
CMY	0.6863, 0.6784, 0.2196
CMYK	0.60, 0.59, 0.00, 0.22
HSL	239°, 52%, 55%
HSV	239°, 60%, 78%
XYZ	16.6344, 11.8636, 55.4460
YIQ	94.7400, -38.7490, 35.9630

# Conversions

## Conversions Part 2

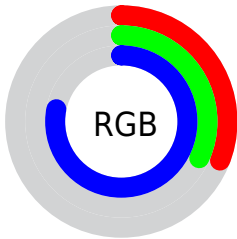
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	80, 82, 199
Decimal	5264071
CIE Lab	41.00, 34.00, -61.44
CIE LCh	41, 70.216, 298.957
Yxy	11.8636, 0.1982, 0.1413
Android (android.graphics.Color)	4283454151 (0xFF5052C7)
YUV	94.7400, 51.4002, -12.9270
Hunter-Lab	34.4435, 25.9296, -71.3325

# Details

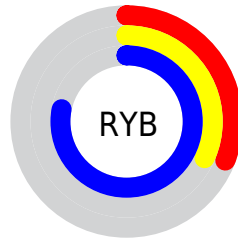
The YUV color **94.7400, 51.4002, -12.9270** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **184.2600, -51.4002, 12.9270**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.4140, 52.5469, -7.3791**, and **38.1350, 52.1914, -33.4444** is the 20% darker color. If you saturate the color by 10%, you get **77.0200, 60.1361, -14.9265**, and if you desaturate by 10%, it is **112.4600, 42.6642, -10.9274**.

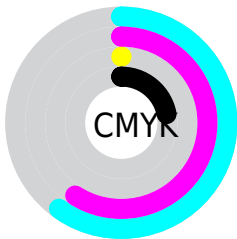
# Distribution



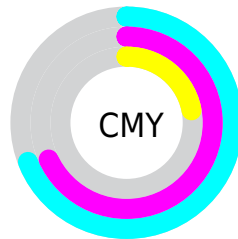
- Red (31%)
- Green (32%)
- Blue (78%)



- Red (31%)
- Yellow (32%)
- Blue (78%)



- Cyan (60%)
- Magenta (59%)
- Yellow (0%)
- Black (22%)



- Cyan (69%)
- Magenta (68%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 94.7400, 51.4002, -12.9270 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 94.7400, 51.4002, -12.9270 by changing the saturation by 10% instead.



■ 94.7400, 51.4002,  
-12.9270

■ 94.7400, 51.4002,  
-12.9270

■ 255.0000, 0.0000,  
0.0000

■ 67.8810, 50.8377,  
-19.1896

■ 148.4140, 52.5469,  
-7.3791

■ 38.1350, 52.1914,  
-33.4444

■ 172.3470, 40.7479,  
-2.9353

■ 23.4310, 46.6225,  
-20.5490

■ 196.8670, 28.6596,  
0.9936

■ 10.4880, 40.1854,  
-9.1980

■ 221.6860, 16.4238,  
5.5374

■ 11.8610, 27.6765,  
-10.4021

■ 246.7820, 4.0515,  
7.2072

■ 6.7770, 18.3509,  
-5.9434

■ 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,  
0.0000

■ 94.7400, 51.4002,  
-12.9270

■ 94.7400, 51.4002,  
-12.9270

■ 77.0200, 60.1361,  
-14.9265

■ 112.4600, 42.6642,  
-10.9274

■ 59.8870, 68.5827,  
-17.4409

■ 129.5930, 34.2177,  
-8.4131

■ 42.1670, 77.3187,  
-19.4405

■ 147.3130, 25.4817,  
-6.4135

■ 25.0340, 85.7652,  
-21.9548

■ 164.4460, 17.0351,  
-3.8991

■ 24.4470, 86.0546,  
-21.4400

■ 182.1660, 8.2992,  
-1.8996

■ 199.0000, 0.0000,  
0.0000

■ 216.7200, -8.7360,  
1.9996

■ 234.4400,  
-17.4719, 3.9991

■ 248.6160,  
-24.4607, 5.5988

# Harmonies

## Analogous

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



86.0310, 63.0887, -75.4492



94.7400, 51.4002, -12.9270



91.8650, 32.1116, 60.6314

# Triad

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



94.7400, 51.4002, -12.9270



88.6530, -43.7059, 65.2023



81.0420, 5.8953, -71.0738

# Complementary

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



94.7400, 51.4002, -12.9270



184.2600, -51.4002, 12.9270

# 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.



72.0990, -20.7548, -63.2308



94.7400, 51.4002, -12.9270



91.0580, -44.8916, 25.3821

# Square

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



94.7400, 51.4002, -12.9270



77.2020, -15.8756, 98.9238



82.5210, -40.6829, -17.9969



88.2410, 30.9402, -77.3874



# Rectangle

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



94.7400, 51.4002, -12.9270



71.1690, 24.5667, 100.7068



82.5210, -40.6829, -17.9969



78.1750, -2.5513, -68.5595

# Sweetspot

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



94.7400, 51.4002, -12.9270



214.8310, 19.8033, -5.1138



162.9630, 15.7942, -72.7586



102.8930, 12.3778, -3.4142



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.



94.7400, 51.4002, -12.9270



93.7370, 79.5027, -19.9403



110.3100, 43.7242, 22.5301



91.0260, 3.9312, -0.8998



20.3430, 70.3299, -17.8408



4.6910, 15.4353, -4.1140



# Inverse Universe

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



115.8090, -16.6678, 72.9585



126.3580, -25.8125, 112.8190



168.6900, -43.7242, -22.5301



92.6910, -1.3267, 5.5330



49.0790, -22.7169, 99.9087

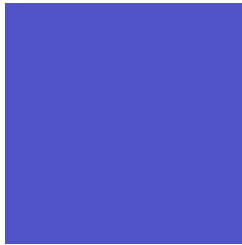


10.8780, -4.8699, 22.0320



# Previews

## White Background



This preview shows how the YUV color 94.7400, 51.4002, -12.9270 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 × Fail



# Black Background



This preview shows how the YUV color 94.7400, 51.4002, -12.9270 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

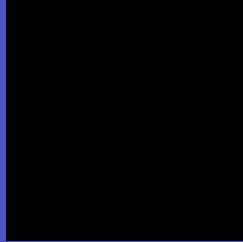
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 94.7400, 51.4002, -12.9270

## Background



This preview shows how black text looks on a background with the YUV color 94.7400, 51.4002, -12.9270.



This preview shows how white text looks on a background with the YUV color 94.7400, 51.4002, -12.9270.

-12.9270.

# 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

94.7400, 51.4002, -12.9270

### Protanopia

77.0490, 59.1358, -67.5720

### Deuteranopia

77.6070, 46.0427, -68.0613



## Tritanopia

86.8900, 13.3652, -40.2455

# Trichromacy



## Original Color

94.7400, 51.4002, -12.9270

## Protanomaly

83.4860, 56.4554, -47.7842

## Deuteranomaly

83.8960, 47.8723, -48.1438

## Tritanomaly

89.9140, 27.1574, -30.6196

# Monochromacy



## Original Color

94.7400, 51.4002, -12.9270

## Achromatopsia

95.0000, 0.0000, 0.0000

## Achromatomaly

94.9020, 18.7823, -4.2991

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 94.7400, 51.4002, -12.9270 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(80, 82, 199)` looks like.

```
.text, #text, p{  
    color:rgb(80, 82, 199)  
}
```

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(80, 82, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 82, 199) }
```

## Border

The CSS property to change the border of an element to YUV 94.7400, 51.4002, -12.9270 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(80, 82, 199) }
```



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

```
.border{ border-color:rgb(80, 82, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 82, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 82, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 82, 199);  
box-shadow:4px 4px 4px 4px rgb(80, 82,  
199) }
```

# Background

The CSS property to change the background color of an element to YUV 94.7400, 51.4002, -12.9270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 82, 199) }
```

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

```
.background{ background-color: rgb(80, 82,  
199) }
```

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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