

# Converting Colors

YUV(91.9080, 53.2894,  
-12.1973)

Have a look what the booklet for  
YUV(91.9080, 53.2894, -12.1973)  
contains.

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# Color

**YUV(91.9080, 53.2894,  
-12.1973)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4E4EC8
RGB	78, 78, 200
RGB Percent	31%, 31%, 78%
CMY	0.6941, 0.6941, 0.2157
CMYK	0.61, 0.61, 0.00, 0.22
HSL	240°, 53%, 55%
HSV	240°, 61%, 78%
XYZ	16.2916, 11.2386, 55.9542
YIQ	91.9080, -39.1620, 37.9420

# Conversions

## Conversions Part 2

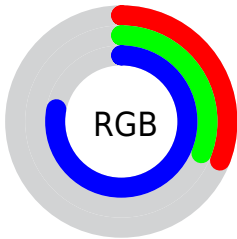
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	78, 78, 200
Decimal	5131976
CIE <sub>Lab</sub>	39.98, 36.45, -63.68
CIE <sub>LCh</sub>	40, 73.376, 299.789
Yxy	11.2386, 0.1951, 0.1346
Android (android.graphics.Color)	4283322056 (0xFF4E4EC8)
YUV	91.9080, 53.2894, -12.1973
Hunter-Lab	33.5240, 28.0782, -75.4927

# Details

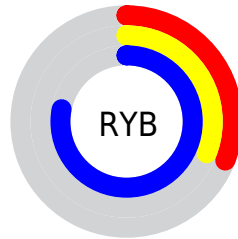
The YUV color **91.9080, 53.2894, -12.1973** is a dark color, and the websafe version is hex **333399**. The color can be described as dark muted blue. A complement of this color would be **186.0920, -53.2894, 12.1973**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.8810, 54.2887, -6.0346**, and **35.9010, 53.7858, -31.4852** is the 20% darker color. If you saturate the color by 10%, you get **74.1880, 62.0253, -14.1969**, and if you desaturate by 10%, it is **109.6280, 44.5534, -10.1978**.

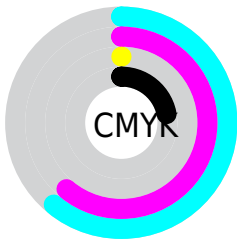
# Distribution



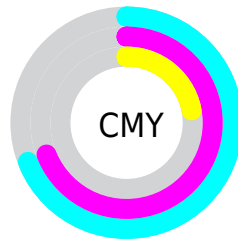
- Red (31%)
- Green (31%)
- Blue (78%)



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



- Cyan (61%)
- Magenta (61%)
- Yellow (0%)
- Black (22%)



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

# Brightness & Saturation Gradients

These gradients show how the YUV color 91.9080, 53.2894, -12.1973 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 91.9080, 53.2894, -12.1973 by changing the saturation by 10% instead.



■ 91.9080, 53.2894,  
-12.1973

■ 91.9080, 53.2894,  
-12.1973

255.0000, 0.0000,  
0.0000

■ 64.7500, 52.8742,  
-19.0748

■ 144.8810, 54.2887,  
-6.0346

■ 35.9010, 53.7858,  
-31.4852

■ 169.1130, 42.3423,  
-0.9761

■ 21.0830, 47.7801,  
-18.4898

■ 193.6330, 30.2539,  
2.9529

■ 10.6020, 40.6222,  
-9.2980

■ 219.0390, 17.7288,  
6.9818

■ 12.4480, 27.3871,  
-10.9169

■ 243.8470, 5.4984,  
9.7812

■ 6.8910, 18.7877,  
-6.0434

■ 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,  
0.0000

■ 91.9080, 53.2894,  
-12.1973

■ 91.9080, 53.2894,  
-12.1973

■ 74.1880, 62.0253,  
-14.1969

■ 109.6280, 44.5534,  
-10.1978

■ 56.4680, 70.7613,  
-16.1964

■ 127.3480, 35.8174,  
-8.1982

■ 38.7480, 79.4972,  
-18.1960

■ 145.0680, 27.0815,  
-6.1986

■ 22.8000, 87.3596,  
-19.9956

■ 162.7880, 18.3455,  
-4.1991

■ 180.5080, 9.6096,  
-2.1995

■ 198.2280, 0.8736,  
-0.2000

■ 215.9480, -7.8624,  
1.7996

■ 233.6680,  
-16.5983, 3.7992

■ 248.7300,  
-24.0239, 5.4988

# Harmonies

## Analogous

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



85.0850, 64.5411, -74.6195



91.9080, 53.2894, -12.1973



86.1800, 34.4213, 66.4941

# Triad

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



91.9080, 53.2894, -12.1973



86.2940, -42.5429, 65.5172



79.7540, 6.0373, -69.9443

# Complementary

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



91.9080, 53.2894, -12.1973



186.0920, -53.2894, 12.1973

# 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.



70.3550, -22.3600, -61.7013



91.9080, 53.2894, -12.1973



88.6880, -43.7232, 23.9526

# Square

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



91.9080, 53.2894, -12.1973



66.8270, -13.7187, 107.1457



78.9550, -38.9248, -21.8855



87.2950, 32.3926, -76.5577



# Rectangle

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



91.9080, 53.2894, -12.1973



69.2510, 23.5403, 103.2659



78.9550, -38.9248, -21.8855



76.7730, -2.8461, -67.3299

# Sweetspot

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



91.9080, 53.2894, -12.1973



214.2440, 20.0927, -4.5990



163.5220, 17.9837, -75.0028



102.3060, 12.6671, -2.8994



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.



91.9080, 53.2894, -12.1973



90.2040, 81.2444, -18.5959



110.1470, 44.2975, 25.3041



91.0260, 3.9312, -0.8998



18.5820, 71.1981, -16.2964



4.1040, 15.7247, -3.5992



# Inverse Universe

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



128.3860, 35.3057, 62.8055



145.8180, 53.8267, 95.7526



167.8530, -44.2975, -25.3041



93.7170, 2.6045, 4.6332



67.3190, 47.1707, 83.9122

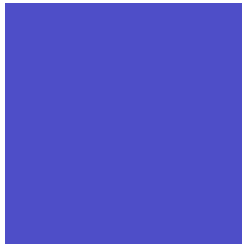


14.8680, 10.4181, 18.5328



# Previews

## White Background



This preview shows how the YUV color 91.9080, 53.2894, -12.1973 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

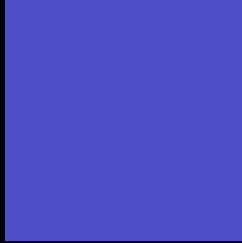
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 91.9080, 53.2894, -12.1973 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

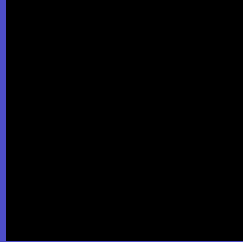
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 91.9080, 53.2894, -12.1973

## Background



This preview shows how black text looks on a background with the YUV color 91.9080, 53.2894, -12.1973.



This preview shows how white text looks on a background with the YUV color 91.9080, 53.2894,



# 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

91.9080, 53.2894, -12.1973

### Protanopia

74.7180, 57.8200, -65.5277

### Deuteranopia

75.1620, 44.2901, -65.9171



## Tritanopia

83.2810, 13.6655, -43.2194

# Trichromacy



## Original Color

91.9080, 53.2894, -12.1973

## Protanomaly

81.0840, 56.1606, -46.5547

## Deuteranomaly

80.9070, 47.8668, -46.3994

## Tritanomaly

86.4300, 27.8890, -31.9491

# Monochromacy



## Original Color

91.9080, 53.2894, -12.1973

## Achromatopsia

92.0000, 0.0000, 0.0000

## Achromatomaly

92.0160, 19.2191, -4.3990

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 91.9080, 53.2894, -12.1973 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(78, 78, 200)` looks like.

```
.text, #text, p{  
    color:rgb(78, 78, 200)  
}
```

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(78, 78, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 78, 200) }
```

## Border

The CSS property to change the border of an element to YUV 91.9080, 53.2894, -12.1973 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(78, 78, 200) }
```



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

```
.border{ border-color:rgb(78, 78, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 78, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 78, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 78, 200);  
box-shadow:4px 4px 4px 4px rgb(78, 78,  
200) }
```

# Background

The CSS property to change the background color of an element to YUV 91.9080, 53.2894, -12.1973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 78, 200) }
```

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

```
.background{ background-color: rgb(78, 78,  
200) }
```

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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