

# Converting Colors

YUV(138.8300, 24.7338, 0.1491)

Have a look what the booklet for  
YUV(138.8300, 24.7338, 0.1491)  
contains.

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# Color

**YUV(138.8300, 24.7338,  
0.1491)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8B81BD
RGB	139, 129, 189
RGB Percent	55%, 51%, 74%
CMY	0.4549, 0.4941, 0.2588
CMYK	0.26, 0.32, 0.00, 0.26
HSL	250°, 31%, 62%
HSV	250°, 32%, 74%
XYZ	27.6830, 24.8636, 51.4842
YIQ	138.8300, -13.3000, 20.7800

# Conversions

## Conversions Part 2

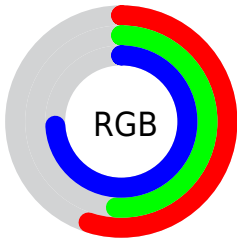
Format	Color
R <sub>Y</sub> B	139, 129, 189
Decimal	9142717
CIE Lab	56.94, 17.03, -30.05
CIE LCh	57, 34.538, 299.536
Yxy	24.8636, 0.2661, 0.2390
Android (android.graphics.Color)	4287332797 (0xFF8B81BD)
YUV	138.8300, 24.7338, 0.1491
Hunter-Lab	49.8634, 11.8381, -26.3128

# Details

The YUV color  $138.8300, 24.7338, 0.1491$  is a light color, and the websafe version is hex  $9999CC$ . A complement of this color would be  $179.1700, -24.7338, -0.1491$ , and the grayscale version is  $139.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $192.7700, 25.7494, 1.0787$ , and  $88.3630, 22.9920, -1.1954$  is the 20% darker color. If you saturate the color by 10%, you get  $122.8930, 32.5908, 0.0938$ , and if you desaturate by 10%, it is  $154.7670, 16.8769, 0.2043$ .

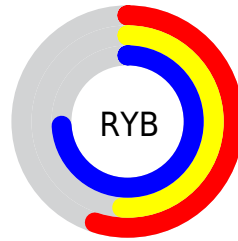
# Distribution



Red (55%)

Green (51%)

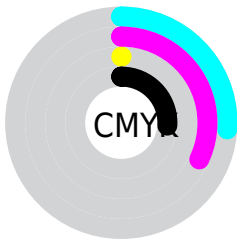
Blue (74%)



Red (55%)

Yellow (51%)

Blue (74%)

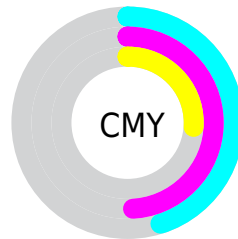


Cyan (26%)

Magenta (32%)

Yellow (0%)

Black (26%)



Cyan (45%)

Magenta (49%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 138.8300, 24.7338, 0.1491 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 138.8300, 24.7338, 0.1491 by changing the saturation by 10% instead.



■ 138.8300, 24.7338,  
0.1491

■ 138.8300, 24.7338,  
0.1491

■ 255.0000, 0.0000,  
0.0000

■ 113.3030, 24.0076,  
-0.2657

■ 192.7700, 25.7494,  
1.0787

■ 88.3630, 22.9920,  
-1.1954

■ 218.1310, 18.1764,  
3.3931

■ 64.8360, 22.2659,  
-1.6102

■ 243.8250, 5.5093,  
6.2925

■ 41.5970, 21.3977,  
-3.1546

■ 19.4610, 20.9717,  
-6.5433

■ 4.4460, 17.0351,  
-3.8991

■ 2.5250, 7.1362,

-2.2144

■ 0.0000, 0.0000,  
0.0000

■ 138.8300, 24.7338,  
0.1491

■ 138.8300, 24.7338,  
0.1491

■ 122.8930, 32.5908,  
0.0938

■ 154.7670, 16.8769,  
0.2043

■ 106.9560, 40.4477,  
0.0386

■ 170.7040, 9.0199,  
0.2596

■ 91.3180, 48.1572,  
0.5981

■ 186.3420, 1.3104,  
-0.2999

■ 75.3810, 56.0142,  
0.5429

■ 202.2790, -6.5465,  
-0.2447

■ 60.0310, 63.5817,  
-0.0272

■ 218.2160,  
-14.4035, -0.1894

■ 44.0940, 71.4387,  
-0.0824

■ 233.5660,  
-21.9710, 0.3806

■ 30.8150, 77.9852,  
0.1622

■ 245.6820,  
-27.9442, 2.9099

■ 247.4760,  
-28.8287, 6.5985

# Harmonies

## Analogous

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



131.4340, 31.8310, -36.3376



138.8300, 24.7338, 0.1491



140.4440, 13.5851, 29.4286

# Triad

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



138.8300, 24.7338, 0.1491



136.4120, -24.8531, 38.2267



117.4710, 8.6418, -65.3111

# Complementary

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



138.8300, 24.7338, 0.1491



179.1700, -24.7338, -0.1491

# 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.



126.6310, -10.6641, -33.0024



138.8300, 24.7338, 0.1491



134.5530, -28.8666, 18.8090

# Square

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



138.8300, 24.7338, 0.1491



137.9370, -14.2659, 49.1673



131.3650, -23.8439, -5.5821



108.0340, 28.0842, -94.7458



# Rectangle

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



138.8300, 24.7338, 0.1491



140.0020, 3.9430, 42.0942



131.3650, -23.8439, -5.5821



121.4140, 1.7679, -53.8601

# Sweetspot

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



138.8300, 24.7338, 0.1491



224.0460, 10.3303, -0.0403



165.1900, 11.7383, -31.7386



110.1940, 5.8204, -0.1701



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000



# Same Dimension

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



138.8300, 24.7338, 0.1491



167.0870, 38.4111, -0.0763



147.8000, 20.3116, 18.5924



86.3250, 3.7838, -0.2850



25.7860, 65.1815, 0.1877



5.0290, 12.8037, -0.0254



# Inverse Universe

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



152.6400, 12.9955, 31.8877



188.5850, 19.9246, 49.4760



170.2000, -20.3116, -18.5924



88.6030, 2.1677, 4.7332



62.2900, 34.3670, 83.9377



12.2330, 6.7871, 16.4587



# Previews

## White Background



This preview shows how the YUV color 138.8300, 24.7338, 0.1491 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 138.8300, 24.7338, 0.1491 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

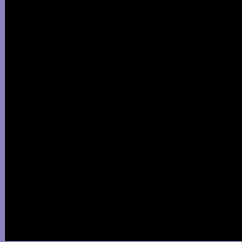
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 138.8300, 24.7338, 0.1491

## Background



This preview shows how black text looks on a background with the YUV color 138.8300, 24.7338, 0.1491.



This preview shows how white text looks on a background with the YUV color 138.8300, 24.7338,

0.1491.

# 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

138.8300, 24.7338, 0.1491

### Protanopia

136.5290, 27.8402, -16.2499

### Deuteranopia

136.5570, 25.3614, -14.5205



## Tritanopia

136.4600, 5.6892, -4.7884

# Trichromacy



## Original Color

138.8300, 24.7338, 0.1491

## Protanomaly

137.6330, 26.8029, -10.2021

## Deuteranomaly

137.4760, 24.9083, -9.1875

## Tritanomaly

137.3060, 12.6671, -2.8994

# Monochromacy



## Original Color

138.8300, 24.7338, 0.1491

## Achromatopsia

139.0000, 0.0000, 0.0000

## Achromatomaly

138.7040, 9.0199, 0.2596

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 138.8300, 24.7338, 0.1491 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(139, 129, 189)` looks like.

```
.text, #text, p{  
    color:rgb(139, 129, 189)  
}
```

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(139, 129, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 129, 189) }
```

## Border

The CSS property to change the border of an element to YUV 138.8300, 24.7338, 0.1491 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(139, 129, 189) }
```



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

```
.border{ border-color:rgb(139, 129, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 129, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 129, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 129, 189);  
box-shadow:4px 4px 4px 4px rgb(139, 129,  
189) }
```

# Background

The CSS property to change the background color of an element to YUV 138.8300, 24.7338, 0.1491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 129, 189) }
```

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

```
.background{ background-color: rgb(139,  
129, 189) }
```

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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