

# Converting Colors

YUV(138.6770, 23.3302,  
-16.3797)

Have a look what the booklet for  
YUV(138.6770, 23.3302, -16.3797)  
contains.

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# Color

**YUV(138.6770, 23.3302,  
-16.3797)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	788BBA
RGB	120, 139, 186
RGB Percent	47%, 55%, 73%
CMY	0.5294, 0.4549, 0.2706
CMYK	0.35, 0.25, 0.00, 0.27
HSL	223°, 32%, 60%
HSV	223°, 35%, 73%
XYZ	25.8413, 26.0035, 50.1116
YIQ	138.6770, -26.4110, 10.5890

# Conversions

## Conversions Part 2

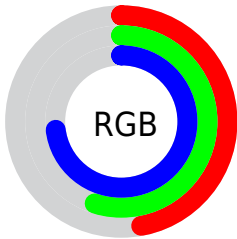
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 135, 186
Decimal	7900090
CIE <sub>Lab</sub>	58.04, 4.77, -26.76
CIE <sub>LCh</sub>	58, 27.182, 280.115
Yxy	26.0035, 0.2535, 0.2550
Android (android.graphics.Color)	4286090170 (0xFF788BBA)
YUV	138.6770, 23.3302, -16.3797
Hunter-Lab	50.9936, 1.2170, -22.5689

# Details

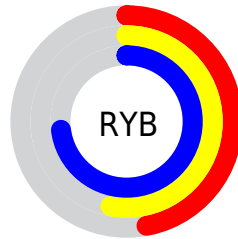
The YUV color **138.6770, 23.3302, -16.3797** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **167.3230, -23.3302, 16.3797**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.3180, 24.4932, -16.0649**, and **87.7370, 22.3147, -17.3093** is the 20% darker color. If you saturate the color by 10%, you get **125.3650, 29.8931, -21.3681**, and if you desaturate by 10%, it is **151.9890, 16.7674, -11.3914**.

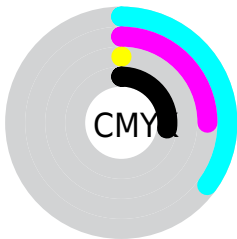
# Distribution



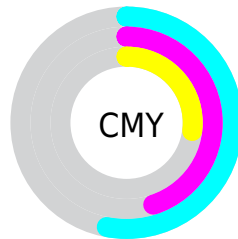
- Red (47%)
- Green (55%)
- Blue (73%)



- Red (47%)
- Yellow (53%)
- Blue (73%)



- Cyan (35%)
- Magenta (25%)
- Yellow (0%)
- Black (27%)



- Cyan (53%)
- Magenta (45%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 138.6770, 23.3302, -16.3797 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 138.6770, 23.3302, -16.3797 by changing the saturation by 10% instead.



■ 138.6770, 23.3302,  
-16.3797

■ 138.6770, 23.3302,  
-16.3797

■ 255.0000, 0.0000,  
0.0000

■ 113.1500, 22.6041,  
-16.7945

■ 192.3180, 24.4932,  
-16.0649

■ 87.7370, 22.3147,  
-17.3093

■ 218.6080, 17.9413,  
-14.5652

■ 63.7970, 21.2991,  
-18.2390

■ 244.3020, 5.2741,  
-11.6659

■ 39.4760, 21.4573,  
-22.3425

■ 20.8140, 18.8257,  
-18.2539

■ 5.5060, 16.0195,  
-4.8288

■ 2.1830, 5.8258,

-1.9145

■ 0.0000, 0.0000,  
0.0000

■ 138.6770, 23.3302,  
-16.3797

■ 138.6770, 23.3302,  
-16.3797

■ 125.3650, 29.8931,  
-21.3681

■ 151.9890, 16.7674,  
-11.3914

■ 112.3520, 36.3085,  
-25.7417

■ 165.0020, 10.3520,  
-7.0178

■ 98.4530, 43.1607,  
-30.2153

■ 178.9010, 3.4998,  
-2.5442

■ 85.4400, 49.5761,  
-34.5889

■ 191.9140, -2.9156,  
1.8294

■ 72.1280, 56.1389,  
-39.5773

■ 205.2260, -9.4784,  
6.8178

■ 58.8160, 62.7017,  
-44.5656

■ 218.5380,  
-16.0412, 11.8062

■ 52.9020, 65.6173,  
-46.3951

■ 232.1380,  
-22.7460, 15.6650

■ 241.2640,  
-27.2452, 12.0465

■ 247.1340,  
-30.1391, 6.8985

# Harmonies

## Analogous

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



131.7940, 25.7376, -41.9153



138.6770, 23.3302, -16.3797



142.7080, 16.4130, 9.0261

# Triad

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



138.6770, 23.3302, -16.3797



140.9310, -15.2490, 37.7715



130.7650, -3.8281, -32.2429

# Complementary

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



138.6770, 23.3302, -16.3797



167.3230, -23.3302, 16.3797

# 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.



134.3950, -15.9707, -10.8704



138.6770, 23.3302, -16.3797



139.7310, -22.0524, 26.5459

# Square

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



138.6770, 23.3302, -16.3797



142.5750, -5.2135, 38.9607



137.5070, -22.4350, 9.2024



126.9010, 9.9088, -51.6562



# Rectangle

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



138.6770, 23.3302, -16.3797



143.4880, 10.1124, 23.2510



137.5070, -22.4350, 9.2024



131.9570, -8.3598, -25.3953

# Sweetspot

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



138.6770, 23.3302, -16.3797



223.0730, 9.3310, -6.2030



163.9860, 0.9929, -38.5757



110.7590, 5.5418, -4.1736



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.



138.6770, 23.3302, -16.3797



167.4660, 36.7453, -25.8417



131.4110, 26.9124, 1.3936



85.2000, 3.3524, -1.9294



44.1990, 55.1179, -38.7625



7.8880, 9.9152, -6.9178



# Inverse Universe

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



141.9000, -1.4297, 38.6757



172.5160, -2.2264, 60.9375



174.5890, -26.9124, -1.3936



85.9190, -0.4531, 5.3330



51.7740, -3.3396, 91.4062



9.2840, -0.6330, 16.4139



# Previews

## White Background



This preview shows how the YUV color 138.6770, 23.3302, -16.3797 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

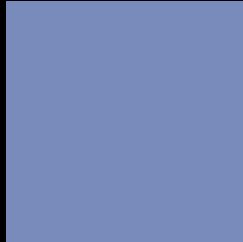
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 138.6770, 23.3302, -16.3797 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

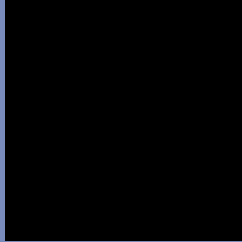
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 138.6770, 23.3302, -16.3797

## Background



This preview shows how black text looks on a background with the YUV color 138.6770, 23.3302, -16.3797.



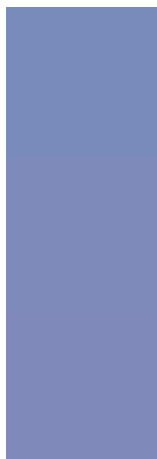
This preview shows how white text looks on a background with the YUV color 138.6770, 23.3302, -16.3797.



# 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

138.6770, 23.3302, -16.3797

### Protanopia

139.7700, 22.2984, -12.0763

### Deuteranopia

139.5960, 22.8772, -11.0467



## Tritanopia

136.6860, 9.5218, -20.7726

# Trichromacy



## Original Color

138.6770, 23.3302, -16.3797

## Protanomaly

139.1720, 22.5932, -13.3058

## Deuteranomaly

139.2860, 23.0300, -13.4058

## Tritanomaly

137.6630, 14.4631, -18.9985

# Monochromacy



## Original Color

138.6770, 23.3302, -16.3797

## Achromatopsia

139.0000, 0.0000, 0.0000

## Achromatomaly

138.8450, 8.4574, -6.0031

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 138.6770, 23.3302, -16.3797 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(120, 139, 186)` looks like.

```
.text, #text, p{  
    color:rgb(120, 139, 186)  
}
```

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(120, 139, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 139, 186) }
```

## Border

The CSS property to change the border of an element to YUV 138.6770, 23.3302, -16.3797 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(120, 139, 186) }
```



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

```
.border{ border-color:rgb(120, 139, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 139, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 139, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 139, 186);  
box-shadow:4px 4px 4px 4px rgb(120, 139,  
186) }
```

# Background

The CSS property to change the background color of an element to YUV 138.6770, 23.3302, -16.3797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 139, 186) }
```

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

```
.background{ background-color: rgb(120,  
139, 186) }
```

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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