

# Converting Colors

YUV(132.3800, 40.2387,  
-73.1243)

Have a look what the booklet for  
YUV(132.3800, 40.2387, -73.1243)  
contains.

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# Color

**YUV(132.3800, 40.2387,  
-73.1243)**

# Conversions

## Conversions Part 1

Format	Color
Hex	319FD6
RGB	49, 159, 214
RGB Percent	19%, 62%, 84%
CMY	0.8078, 0.3765, 0.1608
CMYK	0.77, 0.26, 0.00, 0.16
HSL	200°, 67%, 52%
HSV	200°, 77%, 84%
XYZ	25.8024, 30.3043, 68.1077
YIQ	132.3800, -83.2150, -6.2150

# Conversions

## Conversions Part 2

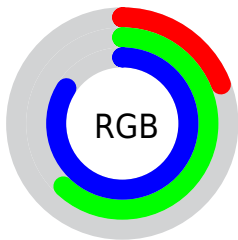
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	49, 115, 214
Decimal	3252182
CIE Lab	61.92, -12.09, -36.71
CIE LCh	62, 38.648, 251.764
Yxy	30.3043, 0.2077, 0.2440
Android (android.graphics.Color)	4281442262 (0xFF319FD6)
YUV	132.3800, 40.2387, -73.1243
Hunter-Lab	55.0493, -12.6710, -34.8198

# Details

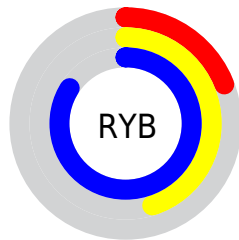
The YUV color **132.3800, 40.2387, -73.1243** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **130.6200, -40.2387, 73.1243**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.2690, 31.9124, -62.5029**, and **81.5220, 38.1967, -71.4948** is the 20% darker color. If you saturate the color by 10%, you get **121.9920, 45.3599, -82.4310**, and if you desaturate by 10%, it is **142.7680, 35.1174, -63.8175**.

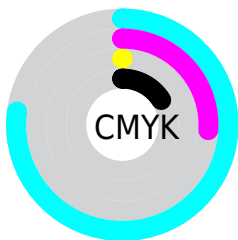
# Distribution



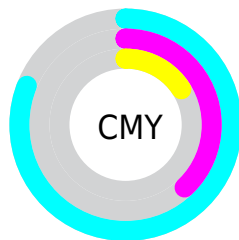
- Red (19%)
- Green (62%)
- Blue (84%)



- Red (19%)
- Yellow (45%)
- Blue (84%)



- Cyan (77%)
- Magenta (26%)
- Yellow (0%)
- Black (16%)



- Cyan (81%)
- Magenta (38%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 132.3800, 40.2387, -73.1243 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 132.3800, 40.2387, -73.1243 by changing the saturation by 10% instead.



■ 132.3800, 40.2387,  
-73.1243

■ 132.3800, 40.2387,  
-73.1243

■ 255.0000, 0.0000,  
0.0000

■ 99.2750, 42.7554,  
-87.0642

■ 190.2690, 31.9124,  
-62.5029

■ 81.5220, 38.1967,  
-71.4948

■ 215.9740, 19.2398,  
-57.8592

■ 64.4700, 33.7853,  
-56.5402

■ 232.5750, 11.0555,  
-46.1083

■ 48.0050, 29.0845,  
-42.1004

■ 241.5450, 6.6333,  
-27.6650

■ 32.3550, 24.9680,  
-28.3753

■ 250.8140, 2.0637,  
-8.6069

■ 16.7050, 20.8514,  
-14.6503

■ 5.3920, 15.5827,

-4.7288

■ 2.0690, 5.3890,  
-1.8145

■ 0.0000, 0.0000,  
0.0000

■ 132.3800, 40.2387,  
-73.1243

■ 132.3800, 40.2387,  
-73.1243

■ 121.9920, 45.3599,  
-82.4310

■ 142.7680, 35.1174,  
-63.8175

■ 111.3050, 50.6286,  
-92.3525

■ 153.4550, 29.8487,  
-53.8960

■ 108.3370, 52.0919,  
-95.0115

■ 163.8430, 24.7274,  
-44.5893

■ 175.1170, 19.1693,  
-35.1826

■ 185.5050, 14.0480,  
-25.8759

■ 195.8930, 8.9268,  
-16.5692

■ 206.5800, 3.6581,  
-6.6477

■ 216.9680, -1.4632,  
2.6591

■ 227.6550, -6.7319,  
12.5806

# Harmonies

## Analogous

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



118.9710, 36.9893, -104.3376



132.3800, 40.2387, -73.1243



147.3800, 33.8297, -24.0123

# Triad

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



132.3800, 40.2387, -73.1243



151.5170, -7.1569, 55.6746



141.4450, -21.9114, -18.8073

# Complementary

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



132.3800, 40.2387, -73.1243



130.6200, -40.2387, 73.1243

# 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.



145.7000, -31.8971, 10.7871



132.3800, 40.2387, -73.1243



150.5970, -21.9863, 52.0964

# Square

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



132.3800, 40.2387, -73.1243



153.6800, 9.0318, 43.2536



148.3810, -31.2468, 35.6229



134.3450, -3.6211, -52.0456



# Rectangle

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



132.3800, 40.2387, -73.1243



152.5360, 27.3438, 3.0379



148.3810, -31.2468, 35.6229



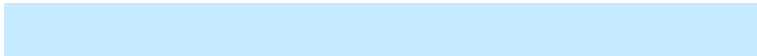
143.0720, -26.1645, -7.9561

# Sweetspot

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



132.3800, 40.2387, -73.1243



225.6190, 14.4848, -25.9759



152.1250, -23.7256, -90.4406



110.1920, 8.7793, -15.9544



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

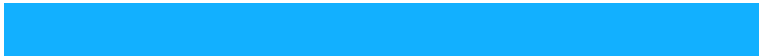


# Same Dimension

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



132.3800, 40.2387, -73.1243



137.7640, 57.7973, -105.0330



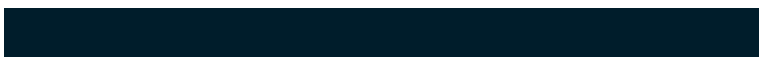
84.2460, 63.9687, -30.9107



101.9500, 2.4897, -5.2181



86.4120, 41.7019, -75.7833



21.9250, 10.3900, -19.2282



# Inverse Universe

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



110.8750, 23.7256, 90.4406



106.8750, 34.0786, 129.9056



179.3410, -64.2581, 30.3959



100.2010, 1.8729, 5.9627



64.1250, 24.5884, 93.7294



16.1630, 6.3286, 23.5360



# Previews

## White Background



This preview shows how the YUV color 132.3800, 40.2387, -73.1243 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 132.3800, 40.2387, -73.1243 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

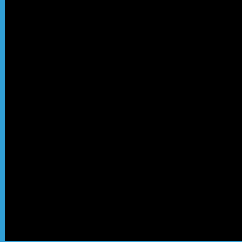
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 132.3800, 40.2387, -73.1243

## Background



This preview shows how black text looks on a background with the YUV color 132.3800, 40.2387, -73.1243.



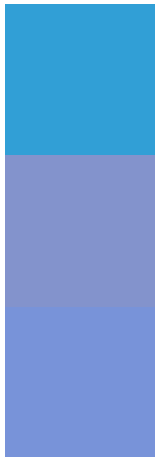
This preview shows how white text looks on a background with the YUV color 132.3800, 40.2387, -73.1243.

-73.1243.

# 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

132.3800, 40.2387, -73.1243

### Protanopia

148.7140, 27.2560, -15.5352

### Deuteranopia

146.9070, 34.5558, -23.5974



## Tritanopia

117.1470, 30.0005, -102.7379

# Trichromacy



## Original Color

132.3800, 40.2387, -73.1243

## Protanomaly

142.5480, 32.2678, -36.4376

## Deuteranomaly

141.3670, 36.7941, -41.5409

## Tritanomaly

122.8370, 33.6044, -91.9420

# Monochromacy



## Original Color

132.3800, 40.2387, -73.1243

## Achromatopsia

132.0000, 0.0000, 0.0000

## Achromatomaly

132.3200, 14.6322, -26.5906

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 132.3800, 40.2387, -73.1243 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(49, 159, 214)` looks like.

```
.text, #text, p{  
    color:rgb(49, 159, 214)  
}
```

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(49, 159, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 159, 214) }
```

## Border

The CSS property to change the border of an element to YUV 132.3800, 40.2387, -73.1243 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(49, 159, 214) }
```



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

```
.border{ border-color:rgb(49, 159, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 159, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 159, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 159, 214);  
box-shadow:4px 4px 4px 4px rgb(49, 159,  
214) }
```

# Background

The CSS property to change the background color of an element to YUV 132.3800, 40.2387, -73.1243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 159, 214) }
```

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

```
.background{ background-color: rgb(49, 159,  
214) }
```

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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