

Converting Colors

YUV(158.6760, 31.2187,
-73.3839)

Have a look what the booklet for
YUV(158.6760, 31.2187, -73.3839)
contains.

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Color

**YUV(158.6760, 31.2187,
-73.3839)**

Conversions

Conversions Part 1

Format	Color
Hex	4BBDDE
RGB	75, 189, 222
RGB Percent	29%, 74%, 87%
CMY	0.7059, 0.2588, 0.1294
CMYK	0.66, 0.15, 0.00, 0.13
HSL	193°, 69%, 58%
HSV	193°, 66%, 87%
XYZ	34.2841, 43.1650, 75.6320
YIQ	158.6760, -78.5370, -13.9050

Conversions

Conversions Part 2

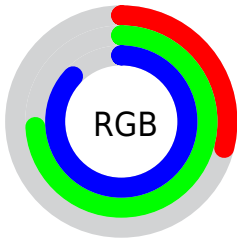
Format	Color
RYB	75, 139, 222
Decimal	4963806
CIELab	71.67, -21.95, -25.97
CIElCh	72, 34.009, 229.798
Yxy	43.1650, 0.2240, 0.2820
Android (android.graphics.Color)	4283153886 (0xFF4BBDDE)
YUV	158.6760, 31.2187, -73.3839
Hunter-Lab	65.7001, -21.8290, -22.2628

Details

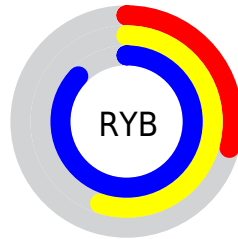
The YUV color **158.6760, 31.2187, -73.3839** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **138.3240, -31.2187, 73.3839**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.4460, 19.9931, -66.1661**, and **98.2830, 33.8775, -86.1942** is the 20% darker color. If you saturate the color by 10%, you get **149.1630, 35.9086, -84.3350**, and if you desaturate by 10%, it is **168.1890, 26.5288, -62.4328**.

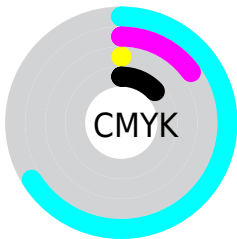
Distribution



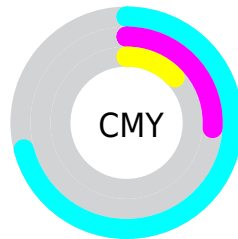
- Red (29%)
- Green (74%)
- Blue (87%)



- Red (29%)
- Yellow (55%)
- Blue (87%)



- Cyan (66%)
- Magenta (15%)
- Yellow (0%)
- Black (13%)



- Cyan (71%)
- Magenta (26%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.6760, 31.2187, -73.3839 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 158.6760, 31.2187, -73.3839 by changing the saturation by 10% instead.

■ 158.6760, 31.2187,
-73.3839

■ 158.6760, 31.2187,
-73.3839

255.0000, 0.0000,
0.0000

■ 127.0770, 32.9930,
-82.5055

■ 214.4460, 19.9931,
-66.1661

■ 98.2830, 33.8775,
-86.1942

■ 229.2860, 12.6770,
-52.8708

■ 80.5300, 29.3187,
-70.6248

■ 238.2560, 8.2548,
-34.4275

■ 63.0050, 25.6335,
-55.2554

■ 247.5250, 3.6852,
-15.3694

■ 46.6540, 21.3696,
-40.9156

■ 31.0040, 17.2530,
-27.1905

■ 13.2340, 15.1676,

-11.6062

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 158.6760, 31.2187,
-73.3839

■ 158.6760, 31.2187,
-73.3839

■ 149.1630, 35.9086,
-84.3350

■ 168.1890, 26.5288,
-62.4328

■ 139.6500, 40.5985,
-95.2861

■ 177.7020, 21.8389,
-51.4817

■ 129.8380, 45.4359,
-106.8519

■ 187.5140, 17.0016,
-39.9158

■ 126.2720, 47.1939,
-110.7405

■ 197.0270, 12.3117,
-28.9647

■ 206.5400, 7.6218,
-18.0136

■ 216.0530, 2.9319,
-7.0625

■ 225.5660, -1.7580,
3.8886

■ 235.3780, -6.5954,
15.4545

■ 238.9110, -8.3371,
14.1101

Harmonies

Analogous

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



156.4620, 18.9992, -74.0732



158.6760, 31.2187, -73.3839



168.7210, 33.1685, -45.3593

Triad

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



158.6760, 31.2187, -73.3839



180.0130, 3.9376, 43.8386



171.5080, -27.3654, 3.9395

Complementary

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



158.6760, 31.2187, -73.3839



138.3240, -31.2187, 73.3839

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.



174.4940, -29.3305, 27.6308



158.6760, 31.2187, -73.3839



178.4580, -11.0718, 51.3413

Square

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



158.6760, 31.2187, -73.3839



179.8390, 17.8274, 22.0662



176.7980, -23.5644, 44.9042



167.6060, -16.0748, -24.2105

Rectangle

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



158.6760, 31.2187, -73.3839



174.1800, 30.4773, -22.0829



176.7980, -23.5644, 44.9042



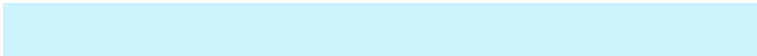
172.8080, -28.9923, 12.4464

Sweetspot

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



158.6760, 31.2187, -73.3839



233.2940, 10.7011, -25.6908



164.9370, -28.5629, -78.8747



114.6220, 6.5954, -15.4545



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.



158.6760, 31.2187, -73.3839



168.4860, 42.6514, -100.4042



116.4120, 52.0549, -36.3183



107.5370, 2.2003, -5.7329



99.8960, 37.5193, -87.6088



27.7780, 9.9694, -24.3613

Inverse Universe

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



131.9490, 28.1261, 78.9747



131.8830, 38.5117, 107.9736



180.5880, -52.0549, 36.3183



105.3150, 2.3097, 5.8627



68.1280, 33.4609, 94.6037



18.6840, 9.5228, 25.7101

Previews

White Background



This preview shows how the YUV color 158.6760, 31.2187, -73.3839 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 158.6760, 31.2187, -73.3839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

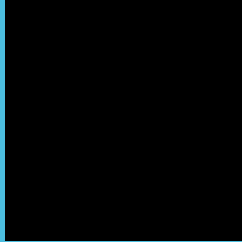
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.6760, 31.2187, -73.3839

Background



This preview shows how black text looks on a background with the YUV color 158.6760, 31.2187, -73.3839.



This preview shows how white text looks on a background with the YUV color 158.6760, 31.2187, -73.3839.

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

158.6760, 31.2187, -73.3839

Protanopia

175.2390, 17.6302, -8.1026

Deuteranopia

175.1770, 25.0557, -9.8022



Tritanopia

156.3350, 24.9778, -78.3468

Trichromacy



Original Color

158.6760, 31.2187, -73.3839

Protanomaly

169.3500, 22.5055, -31.8789

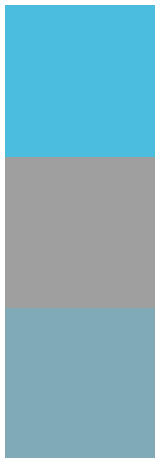
Deuteranomaly

169.6040, 27.3102, -32.9787

Tritanomaly

157.2150, 27.0090, -76.4876

Monochromacy



Original Color

158.6760, 31.2187, -73.3839

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

158.8100, 11.4327, -27.0204

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.6760, 31.2187, -73.3839 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(75, 189, 222)` looks like.

```
.text, #text, p{  
    color:rgb(75, 189, 222)  
}
```

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(75, 189, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 189, 222) }
```

Border

The CSS property to change the border of an element to YUV 158.6760, 31.2187, -73.3839 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(75, 189, 222) }
```


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

```
.border{ border-color:rgb(75, 189, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 189, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 189, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 189, 222);  
box-shadow:4px 4px 4px 4px rgb(75, 189,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 158.6760, 31.2187, -73.3839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 189, 222) }
```

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

```
.background{ background-color: rgb(75, 189,  
222) }
```

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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