

Converting Colors

YUV(167.1790, 38.3658,
-79.0870)

Have a look what the booklet for
YUV(167.1790, 38.3658, -79.0870)
contains.

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Color

**YUV(167.1790, 38.3658,
-79.0870)**

Conversions

Conversions Part 1

Format	Color
Hex	4DC6F5
RGB	77, 198, 245
RGB Percent	30%, 78%, 96%
CMY	0.6980, 0.2235, 0.0392
CMYK	0.69, 0.19, 0.00, 0.04
HSL	197°, 89%, 63%
HSV	197°, 69%, 96%
XYZ	39.7361, 48.5585, 93.6646
YIQ	167.1790, -87.2030, -11.0350

Conversions

Conversions Part 2

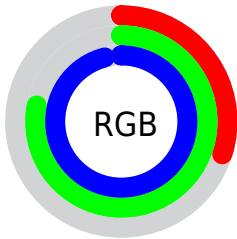
Format	Color
RYB	77, 147, 245
Decimal	5097205
CIELab	75.18, -19.13, -33.01
CIELCh	75, 38.154, 239.907
Yxy	48.5585, 0.2184, 0.2669
Android (android.graphics.Color)	4283287285 (0xFF4DC6F5)
YUV	167.1790, 38.3658, -79.0870
Hunter-Lab	69.6839, -20.1603, -30.9150

Details

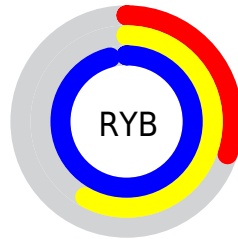
The YUV color **167.1790, 38.3658, -79.0870** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **154.8210, -38.3658, 79.0870**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.5120, 16.5096, -68.8550**, and **106.0740, 40.8825, -93.0269** is the 20% darker color. If you saturate the color by 10%, you get **155.5950, 44.0767, -90.8528**, and if you desaturate by 10%, it is **178.4640, 32.8022, -67.9359**.

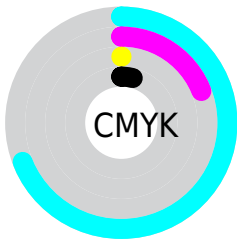
Distribution



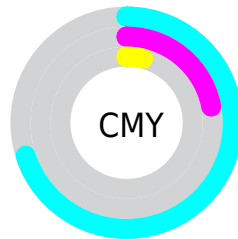
- Red (30%)
- Green (78%)
- Blue (96%)



- Red (30%)
- Yellow (58%)
- Blue (96%)



- Cyan (69%)
- Magenta (19%)
- Yellow (0%)
- Black (4%)



- Cyan (70%)
- Magenta (22%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.1790, 38.3658, -79.0870 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 167.1790, 38.3658, -79.0870 by changing the saturation by 10% instead.

167.1790, 38.3658,
-79.0870

167.1790, 38.3658,
-79.0870

255.0000, 0.0000,
0.0000

134.2700, 40.2929,
-90.5678

221.5120, 16.5096,
-68.8550

106.0740, 40.8825,
-93.0269

230.7810, 11.9400,
-49.7969

87.6200, 36.1763,
-76.8427

240.0500, 7.3704,
-30.7388

70.5680, 31.7650,
-61.8881

249.3190, 2.8007,
-11.6808

53.5160, 27.3536,
-46.9335

37.2790, 23.5265,
-32.6937

23.3900, 18.5417,

-20.5130

■ 6.2070, 16.1669,
-5.4435

■ 2.5250, 7.1362,
-2.2144

■ 167.1790, 38.3658,
-79.0870

■ 167.1790, 38.3658,
-79.0870

■ 155.5950, 44.0767,
-90.8528

■ 178.4640, 32.8022,
-67.9359

■ 144.3100, 49.6402,
-102.0039

■ 190.0480, 27.0913,
-56.1701

■ 132.7260, 55.3511,
-113.7697

■ 201.3330, 21.5278,
-45.0190

■ 131.2420, 56.0827,
-115.0992

■ 212.3300, 16.1063,
-32.7384

■ 223.6150, 10.5428,
-21.5874

■ 235.1990, 4.8319,
-9.8215

■ 246.7830, -0.8790,
1.9443

■ 252.6860, -3.7892,
2.0294

■ 253.8600, -4.3680,
0.9998

Harmonies

Analogous

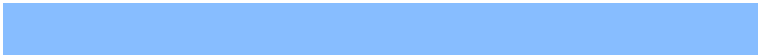
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



158.7780, 29.6894, -96.2753



167.1790, 38.3658, -79.0870



180.3780, 36.7886, -39.7965

Triad

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



167.1790, 38.3658, -79.0870



189.1130, -1.0417, 54.2749



178.7410, -27.4803, -5.9119

Complementary

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



167.1790, 38.3658, -79.0870



154.8210, -38.3658, 79.0870

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.



182.9080, -33.9716, 22.8827



167.1790, 38.3658, -79.0870



187.4820, -17.4926, 57.4593

Square

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



167.1790, 38.3658, -79.0870



189.9330, 15.3160, 34.2618



185.4900, -29.8216, 45.1743



173.8430, -12.2476, -38.4503

Rectangle

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



167.1790, 38.3658, -79.0870



185.7020, 32.1919, -12.0167



185.4900, -29.8216, 45.1743



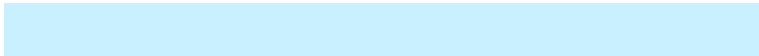
180.2970, -30.7124, 4.1245

Sweetspot

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



167.1790, 38.3658, -79.0870



230.0490, 12.3008, -25.4760



180.7460, -28.9618, -90.9852



113.1490, 7.3215, -15.0397



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.



167.1790, 38.3658, -79.0870



158.4630, 47.5927, -98.6301



119.0450, 62.0958, -36.8735



116.6510, 2.6371, -5.8329



99.8620, 42.4660, -87.5790



31.3800, 13.6167, -27.5203

Inverse Universe

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



141.0260, 28.0882, 91.1852



125.7050, 35.1484, 113.3917



202.9550, -62.0958, 36.8735



114.6140, 2.1623, 6.4775



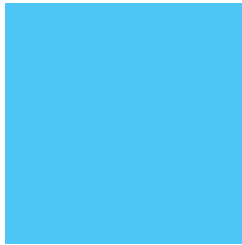
70.8900, 31.1132, 100.9515



22.4290, 9.6485, 32.0728

Previews

White Background



This preview shows how the YUV color 167.1790, 38.3658, -79.0870 looks on a white background.

Color Contrast Check

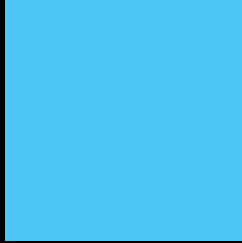
Large Text (above 18pt) WCAG AA × Fail

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 167.1790, 38.3658, -79.0870 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

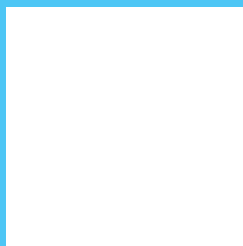
Any Text WCAG AAA ✓ Pass

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

YUV 167.1790, 38.3658, -79.0870 Background



This preview shows how black text looks on a background with the YUV color 167.1790, 38.3658, -79.0870.



This preview shows how white text looks on a background with the YUV color 167.1790, 38.3658, -79.0870.

-79.0870.

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

167.1790, 38.3658, -79.0870

Protanopia

184.5250, 23.8982, -11.8614

Deuteranopia

183.9680, 32.0608, -16.6349



Tritanopia

162.3660, 27.9206, -88.8980

Trichromacy



Original Color

167.1790, 38.3658, -79.0870

Protanomaly

178.3370, 28.9209, -36.2525

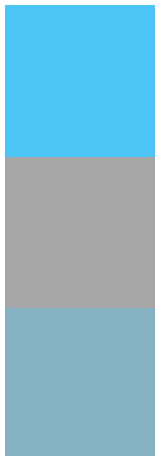
Deuteranomaly

177.8080, 34.6047, -39.2966

Tritanomaly

164.0120, 31.5461, -85.0795

Monochromacy



Original Color

167.1790, 38.3658, -79.0870

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

166.7820, 13.9115, -28.7498

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.1790, 38.3658, -79.0870 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(77, 198, 245)` looks like.

```
.text, #text, p{  
    color:rgb(77, 198, 245)  
}
```

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(77, 198, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 198, 245) }
```

Border

The CSS property to change the border of an element to YUV 167.1790, 38.3658, -79.0870 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(77, 198, 245) }
```


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

```
.border{ border-color:rgb(77, 198, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 198, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 198, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 198, 245);  
box-shadow:4px 4px 4px 4px rgb(77, 198,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 167.1790, 38.3658, -79.0870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 198, 245) }
```

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

```
.background{ background-color: rgb(77, 198,  
245) }
```

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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