

Converting Colors

YUV(97.7730, 50.8909,
-83.1159)

Have a look what the booklet for
YUV(97.7730, 50.8909, -83.1159)
contains.

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Color

**YUV(97.7730, 50.8909,
-83.1159)**

Conversions

Conversions Part 1

Format	Color
Hex	037EC9
RGB	3, 126, 201
RGB Percent	1%, 49%, 79%
CMY	0.9882, 0.5059, 0.2118
CMYK	0.99, 0.37, 0.00, 0.21
HSL	203°, 97%, 40%
HSV	203°, 99%, 79%
XYZ	18.0410, 19.1581, 58.0054
YIQ	97.7730, -97.3830, -2.7510

Conversions

Conversions Part 2

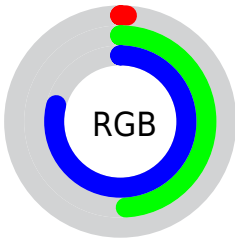
Format	Color
R_{YB}	3, 79, 201
Decimal	229065
CIE _{Lab}	50.87, -0.89, -46.83
CIE _{LCh}	51, 46.843, 268.911
Yxy	19.1581, 0.1895, 0.2012
Android (android.graphics.Color)	4278419145 (0xFF037EC9)
YUV	97.7730, 50.8909, -83.1159
Hunter-Lab	43.7700, -3.0237, -47.9340

Details

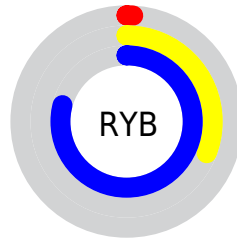
The YUV color **97.7730, 50.8909, -83.1159** is a dark color, and the websafe version is hex **006699**. The color can be described as dark washed azure. A complement of this color would be **106.2270, -50.8909, 83.1159**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.8580, 45.4260, -56.8805**, and **62.4300, 41.2000, -54.7511** is the 20% darker color. If you saturate the color by 10%, you get **96.2890, 51.6225, -84.4455**, and if you desaturate by 10%, it is **108.4490, 45.6276, -74.9388**.

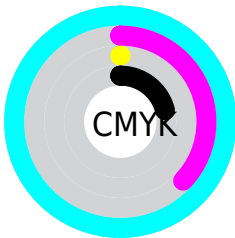
Distribution



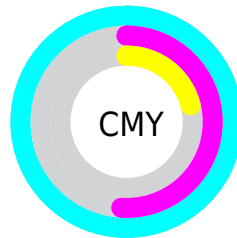
- Red (1%)
- Green (49%)
- Blue (79%)



- Red (1%)
- Yellow (31%)
- Blue (79%)



- Cyan (99%)
- Magenta (37%)
- Yellow (0%)
- Black (21%)



- Cyan (99%)
- Magenta (51%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.7730, 50.8909, -83.1159 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 97.7730, 50.8909, -83.1159 by changing the saturation by 10% instead.

■ 97.7730, 50.8909,
-83.1159

■ 97.7730, 50.8909,
-83.1159

■ 255.0000, 0.0000,
0.0000

■ 79.0090, 46.3376,
-69.2909

■ 162.8580, 45.4260,
-56.8805

■ 62.4300, 41.2000,
-54.7511

■ 188.8620, 32.6060,
-51.6220

■ 45.9650, 36.4993,
-40.3113

■ 214.5670, 19.9335,
-46.9783

■ 31.3750, 31.3671,
-27.5159

■ 235.8640, 9.4340,
-39.3457

■ 15.1380, 27.5400,
-13.2760

■ 245.1330, 4.8644,
-20.2876

■ 7.8200, 19.8087,
-6.8581

■ 254.1030, 0.4422,

■ 3.5510, 11.0674,

-1.8443

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 97.7730, 50.8909,
-83.1159

■ 97.7730, 50.8909,
-83.1159

■ 96.2890, 51.6225,
-84.4455

■ 108.4490, 45.6276,
-74.9388

■ 118.5380, 40.6538,
-66.2468

■ 129.2140, 35.3905,
-58.0697

■ 139.3030, 30.4166,
-49.3777

■ 150.2780, 25.0059,
-40.5858

■ 160.9540, 19.7427,
-32.4087

■ 171.0430, 14.7688,
-23.7167

■ 181.7190, 9.5055,
-15.5396

■ 192.3950, 4.2423,
-7.3624

Harmonies

Analogous

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



101.3780, 43.1976, -88.9085



97.7730, 50.8909, -83.1159



122.8110, 33.6172, -2.4652

Triad

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



97.7730, 50.8909, -83.1159



119.6400, -17.0775, 64.3367



103.9620, -12.7993, -48.2017

Complementary

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



97.7730, 50.8909, -83.1159



106.2270, -50.8909, 83.1159

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.



112.6500, -32.8585, -7.5861



97.7730, 50.8909, -83.1159



119.3010, -33.1794, 48.8480

Square

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



97.7730, 50.8909, -83.1159



121.4390, 1.2626, 61.8820



117.0130, -39.9394, 23.6676



95.6320, 11.0274, -83.8693

Rectangle

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



97.7730, 50.8909, -83.1159



124.8810, 24.2157, 26.4144



117.0130, -39.9394, 23.6676



107.9980, -20.7050, -32.4472

Sweetspot

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



97.7730, 50.8909, -83.1159



215.2530, 19.5953, -31.7939



127.5480, -25.4132, -109.2286



103.6800, 11.9898, -19.0134



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.



97.7730, 50.8909, -83.1159



121.8160, 65.6597, -106.8326



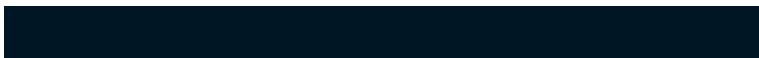
40.8340, 78.9618, -33.1804



94.5480, 2.1948, -3.9886



77.8690, 41.9696, -68.2911



17.0180, 9.3581, -14.9248

Inverse Universe

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



76.2240, 24.5396, 109.4286



94.2570, 31.4253, 140.9716



163.1660, -78.9618, 33.1804



93.3750, 1.2941, 4.9331



60.2510, 20.0893, 90.1109



13.2720, 4.3029, 19.9325

Previews

White Background



This preview shows how the YUV color 97.7730, 50.8909, -83.1159 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 97.7730, 50.8909, -83.1159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

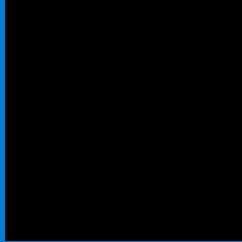
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 97.7730, 50.8909, -83.1159

Background



This preview shows how black text looks on a background with the YUV color 97.7730, 50.8909, -83.1159.



This preview shows how white text looks on a background with the YUV color 97.7730, 50.8909, -83.1159.

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

97.7730, 50.8909, -83.1159

Protanopia

118.5910, 37.1766, -24.1973

Deuteranopia

114.0770, 43.3460, -43.0405



Tritanopia

95.0740, 24.1205, -83.3799

Trichromacy



Original Color

97.7730, 50.8909, -83.1159

Protanomaly

111.1260, 42.3359, -45.7145

Deuteranomaly

107.7870, 46.4470, -57.6952

Tritanomaly

96.0060, 34.0140, -83.3203

Monochromacy



Original Color

97.7730, 50.8909, -83.1159

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.6230, 18.4269, -30.3644

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.7730, 50.8909, -83.1159 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(3, 126, 201)` looks like.

```
.text, #text, p{  
    color:rgb(3, 126, 201)  
}
```

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(3, 126, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 126, 201) }
```

Border

The CSS property to change the border of an element to YUV 97.7730, 50.8909, -83.1159 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(3, 126, 201) }
```


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

```
.border{ border-color:rgb(3, 126, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 126, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 126, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 126, 201);  
box-shadow:4px 4px 4px 4px rgb(3, 126,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 97.7730, 50.8909, -83.1159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 126, 201) }
```

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

```
.background{ background-color: rgb(3, 126,  
201) }
```

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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