

Converting Colors

YUV(77.1170, 49.2423,
-67.6316)

Have a look what the booklet for
YUV(77.1170, 49.2423, -67.6316)
contains.

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Color

**YUV(77.1170, 49.2423,
-67.6316)**

Conversions

Conversions Part 1

Format	Color
Hex	0061B1
RGB	0, 97, 177
RGB Percent	0%, 38%, 69%
CMY	1.0000, 0.6196, 0.3059
CMYK	1.00, 0.45, 0.00, 0.31
HSL	207°, 100%, 35%
HSV	207°, 100%, 69%
XYZ	12.2105, 11.7237, 43.2143
YIQ	77.1170, -83.4920, 4.3160

Conversions

Conversions Part 2

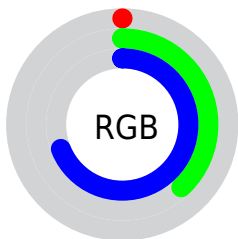
Format	Color
RYB	0, 63, 177
Decimal	25009
CIELab	40.77, 7.58, -49.09
CIELCh	41, 49.674, 278.774
Yxy	11.7237, 0.1818, 0.1746
Android (android.graphics.Color)	4278215089 (0xFF0061B1)
YUV	77.1170, 49.2423, -67.6316
Hunter-Lab	34.2399, 3.7362, -50.8622

Details

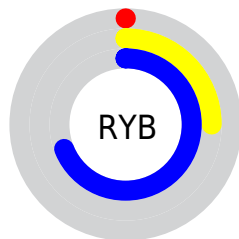
The YUV color **77.1170, 49.2423, -67.6316** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **99.8830, -49.2423, 67.6316**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.0600, 45.8194, -43.0256**, and **44.6600, 39.1146, -39.1668** is the 20% darker color. If you saturate the color by 10%, you get **77.1170, 49.2423, -67.6316**, and if you desaturate by 10%, it is **87.1950, 44.2739, -60.6840**.

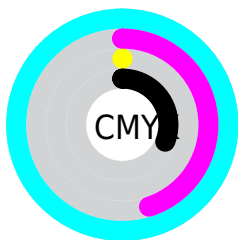
Distribution



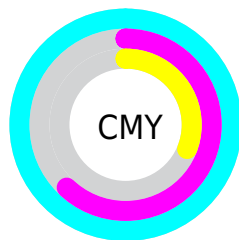
- Red (0%)
- Green (38%)
- Blue (69%)



- Red (0%)
- Yellow (25%)
- Blue (69%)



- Cyan (100%)
- Magenta (45%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (62%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.1170, 49.2423, -67.6316 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 77.1170, 49.2423, -67.6316 by changing the saturation by 10% instead.

■ 77.1170, 49.2423,
-67.6316

■ 77.1170, 49.2423,
-67.6316

■ 255.0000, 0.0000,
0.0000

■ 60.5380, 44.1048,
-53.0918

■ 140.0600, 45.8194,
-43.0256

■ 44.6600, 39.1146,
-39.1668

■ 167.0990, 43.3352,
-39.5518

■ 29.9560, 33.5457,
-26.2714

■ 192.5050, 30.8100,
-35.5229

■ 11.9580, 30.5867,
-10.4872

■ 217.6120, 18.4323,
-32.1087

■ 8.0480, 20.6823,
-7.0581

■ 241.8440, 6.4859,
-27.0502

■ 4.3660, 11.6516,
-3.8290

■ 250.8140, 2.0637,

■ 0.0000, 0.0000,

-8.6069

0.0000

■ 77.1170, 49.2423,
-67.6316

■ 87.1950, 44.2739,
-60.6840

■ 96.9740, 39.4528,
-54.3512

■ 107.0520, 34.4844,
-47.4036

■ 117.1300, 29.5159,
-40.4560

■ 127.2080, 24.5475,
-33.5084

■ 136.9870, 19.7264,
-27.1756

■ 147.0650, 14.7580,
-20.2280

■ 157.1430, 9.7895,
-13.2804

■ 166.9220, 4.9685,
-6.9476

Harmonies

Analogous

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



83.0040, 43.8750, -72.7945



77.1170, 49.2423, -67.6316



98.9870, 30.0794, 12.2894

Triad

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



77.1170, 49.2423, -67.6316



92.5380, -22.4502, 60.9182



73.7410, -4.3093, -64.6709

Complementary

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



77.1170, 49.2423, -67.6316



99.8830, -49.2423, 67.6316

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.



84.1860, -29.1787, -21.2111



77.1170, 49.2423, -67.6316



91.5360, -39.7042, 41.6259

Square

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



77.1170, 49.2423, -67.6316



92.0330, -2.9743, 67.5001



88.9210, -43.8381, 14.1013



79.7030, 13.4574, -69.8995

Rectangle

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



77.1170, 49.2423, -67.6316



97.9320, 20.2465, 39.5246



88.9210, -43.8381, 14.1013



71.5580, -10.1351, -62.7564

Sweetspot

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



77.1170, 49.2423, -67.6316



190.5850, 19.4316, -25.9460



113.0190, -16.2784, -99.1177



91.2890, 11.6895, -16.0395



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



77.1170, 49.2423, -67.6316



100.1820, 64.0003, -87.8596



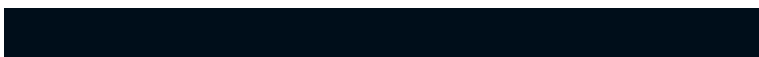
25.4610, 74.7087, -22.3293



83.9610, 2.4842, -3.4738



66.7500, 42.5213, -58.5397



11.1820, 7.3053, -9.8066

Inverse Universe

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



63.9810, 16.2784, 99.1177



83.1340, 21.1329, 128.8015



151.5390, -74.7087, 22.3293



83.2610, 0.8573, 5.0331



55.3230, 14.1378, 85.6627



9.3700, 2.2826, 14.5845

Previews

White Background



This preview shows how the YUV color 77.1170, 49.2423, -67.6316 looks on a white 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

Black Background



This preview shows how the YUV color 77.1170, 49.2423, -67.6316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

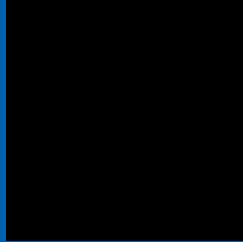
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.1170, 49.2423, -67.6316

Background



This preview shows how black text looks on a background with the YUV color 77.1170, 49.2423, -67.6316.



This preview shows how white text looks on a background with the YUV color 77.1170, 49.2423, -67.6316.

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

77.1170, 49.2423, -67.6316

Protanopia

91.3560, 40.2505, -30.1302

Deuteranopia

77.2480, 47.2057, -67.7465



Tritanopia

75.8050, 18.8301, -66.4810

Trichromacy



Original Color

77.1170, 49.2423, -67.6316

Protanomaly

85.7780, 43.4934, -43.6553

Deuteranomaly

77.3620, 47.6425, -67.8465

Tritanomaly

76.0790, 30.0341, -66.7213

Monochromacy



Original Color

77.1170, 49.2423, -67.6316

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.8410, 17.8264, -24.4166

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.1170, 49.2423, -67.6316 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(0, 97, 177)` looks like.

```
.text, #text, p{  
    color:rgb(0, 97, 177)  
}
```

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(0, 97, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 97, 177) }
```

Border

The CSS property to change the border of an element to YUV 77.1170, 49.2423, -67.6316 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(0, 97, 177) }
```


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

```
.border{ border-color:rgb(0, 97, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 97, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 97, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 97, 177);  
box-shadow:4px 4px 4px 4px rgb(0, 97, 177)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.1170, 49.2423, -67.6316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 97, 177) }
```

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

```
.background{ background-color: rgb(0, 97,  
177) }
```

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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