

Converting Colors

YUV(76.4160, 49.0949,
-67.0168)

Have a look what the booklet for
YUV(76.4160, 49.0949, -67.0168)
contains.

YUV(76.4160, 49.0949, -67.0168)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(76.4160, 49.0949,
-67.0168)**

Conversions

Conversions Part 1

Format	Color
Hex	0060B0
RGB	0, 96, 176
RGB Percent	0%, 38%, 69%
CMY	1.0000, 0.6235, 0.3098
CMYK	1.00, 0.45, 0.00, 0.31
HSL	207°, 100%, 35%
HSV	207°, 100%, 69%
XYZ	12.0193, 11.5003, 42.6606
YIQ	76.4160, -82.8960, 4.5280

Conversions

Conversions Part 2

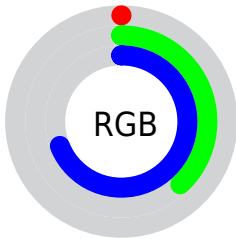
Format	Color
RYB	0, 62, 176
Decimal	24752
CIELab	40.41, 7.82, -49.09
CIELCh	40, 49.706, 279.049
Yxy	11.5003, 0.1816, 0.1738
Android (android.graphics.Color)	4278214832 (0xFF0060B0)
YUV	76.4160, 49.0949, -67.0168
Hunter-Lab	33.9121, 3.9188, -50.8468

Details

The YUV color **76.4160, 49.0949, -67.0168** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **99.5840, -49.0949, 67.0168**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.3590, 45.6720, -42.4108**, and **43.9590, 38.9672, -38.5520** is the 20% darker color. If you saturate the color by 10%, you get **76.4160, 49.0949, -67.0168**, and if you desaturate by 10%, it is **86.4940, 44.1265, -60.0692**.

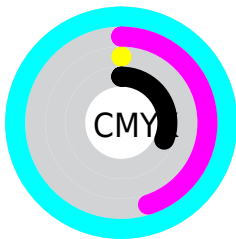
Distribution



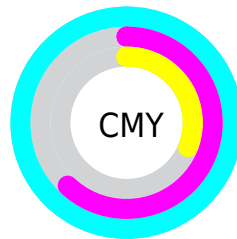
- Red (0%)
- Green (38%)
- Blue (69%)



- Red (0%)
- Yellow (24%)
- 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 76.4160, 49.0949, -67.0168 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 76.4160, 49.0949, -67.0168 by changing the saturation by 10% instead.

■ 76.4160, 49.0949,
-67.0168

■ 76.4160, 49.0949,
-67.0168

■ 255.0000, 0.0000,
0.0000

■ 59.8370, 43.9574,
-52.4770

■ 139.3590, 45.6720,
-42.4108

■ 43.9590, 38.9672,
-38.5520

■ 166.2130, 43.7720,
-39.6518

■ 29.2550, 33.3983,
-25.6566

■ 191.0320, 31.5362,
-35.1081

■ 10.6700, 30.7287,
-9.3576

■ 216.4380, 19.0111,
-31.0791

■ 7.9340, 20.2455,
-6.9581

■ 241.8440, 6.4859,
-27.0502

■ 3.7790, 11.9410,
-3.3142

■ 250.8140, 2.0637,

■ 0.0000, 0.0000,

-8.6069

0.0000

■ 76.4160, 49.0949,
-67.0168

■ 86.4940, 44.1265,
-60.0692

■ 96.2730, 39.3054,
-53.7364

■ 106.3510, 34.3370,
-46.7888

■ 116.1300, 29.5159,
-40.4560

■ 126.2080, 24.5475,
-33.5084

■ 136.2860, 19.5790,
-26.5608

■ 146.0650, 14.7580,
-20.2280

■ 156.1430, 9.7895,
-13.2804

■ 165.9220, 4.9685,
-6.9476

Harmonies

Analogous

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



82.3030, 43.7276, -72.1797



76.4160, 49.0949, -67.0168



97.9870, 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.



76.4160, 49.0949, -67.0168



91.5380, -22.4502, 60.9182



73.0400, -4.4567, -64.0561

Complementary

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



76.4160, 49.0949, -67.0168



99.5840, -49.0949, 67.0168

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.



83.3000, -28.7419, -21.3111



76.4160, 49.0949, -67.0168



90.8240, -39.8462, 40.4964

Square

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



76.4160, 49.0949, -67.0168



91.0330, -2.9743, 67.5001



87.7360, -43.2538, 13.3865



79.1160, 13.7468, -69.3847

Rectangle

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



76.4160, 49.0949, -67.0168



96.9320, 20.2465, 39.5246



87.7360, -43.2538, 13.3865



70.9710, -9.8457, -62.2416

Sweetspot

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



76.4160, 49.0949, -67.0168



190.5850, 19.4316, -25.9460



112.3180, -16.4258, -98.5029



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.



76.4160, 49.0949, -67.0168



99.5950, 64.2897, -87.3448



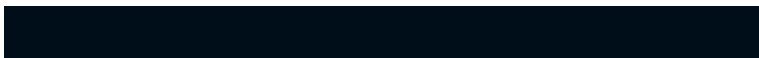
25.3470, 74.2719, -22.2293



83.9610, 2.4842, -3.4738



66.1630, 42.8106, -58.0250



11.1820, 7.3053, -9.8066

Inverse Universe

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



63.5680, 15.9890, 98.6029



83.0200, 20.6961, 128.9015



150.6530, -74.2719, 22.2293



83.2610, 0.8573, 5.0331



55.2090, 13.7010, 85.7627



9.3700, 2.2826, 14.5845

Previews

White Background



This preview shows how the YUV color 76.4160, 49.0949, -67.0168 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 76.4160, 49.0949, -67.0168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

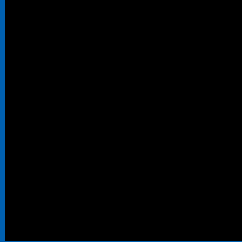
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.4160, 49.0949, -67.0168

Background



This preview shows how black text looks on a background with the YUV color 76.4160, 49.0949, -67.0168.



This preview shows how white text looks on a background with the YUV color 76.4160, 49.0949, -67.0168.

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

76.4160, 49.0949, -67.0168

Protanopia

90.3560, 40.2505, -30.1302

Deuteranopia

76.4330, 46.6215, -67.0317



Tritanopia

75.1040, 18.6827, -65.8662

Trichromacy



Original Color

76.4160, 49.0949, -67.0168

Protanomaly

85.0770, 43.3460, -43.0405

Deuteranomaly

76.6610, 47.4951, -67.2317

Tritanomaly

75.3780, 29.8866, -66.1065

Monochromacy



Original Color

76.4160, 49.0949, -67.0168

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.8410, 17.8264, -24.4166

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.4160, 49.0949, -67.0168 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, 96, 176)` looks like.

```
.text, #text, p{  
    color:rgb(0, 96, 176)  
}
```

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, 96, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 96, 176) }
```

Border

The CSS property to change the border of an element to YUV 76.4160, 49.0949, -67.0168 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, 96, 176) }
```


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

```
.border{ border-color:rgb(0, 96, 176) }
```

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

Here you see how a box with a 4 pixel rgb(0, 96, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 96, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 96, 176);  
box-shadow:4px 4px 4px 4px rgb(0, 96, 176)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.4160, 49.0949, -67.0168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 96, 176) }
```

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

```
.background{ background-color: rgb(0, 96,  
176) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor