

Converting Colors

YUV(79.1070, 47.7682,
-61.4838)

Have a look what the booklet for
YUV(79.1070, 47.7682, -61.4838)
contains.

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Color

**YUV(79.1070, 47.7682,
-61.4838)**

Conversions

Conversions Part 1

Format	Color
Hex	0960B0
RGB	9, 96, 176
RGB Percent	4%, 38%, 69%
CMY	0.9647, 0.6235, 0.3098
CMYK	0.95, 0.45, 0.00, 0.31
HSL	209°, 90%, 36%
HSV	209°, 95%, 69%
XYZ	12.1320, 11.5584, 42.6659
YIQ	79.1070, -77.5320, 6.4360

Conversions

Conversions Part 2

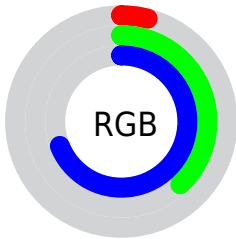
Format	Color
R _Y B	9, 66, 176
Decimal	614576
CIE Lab	40.51, 8.19, -48.93
CIE LCh	41, 49.611, 279.503
Yxy	11.5584, 0.1828, 0.1742
Android (android.graphics.Color)	4278804656 (0xFF0960B0)
YUV	79.1070, 47.7682, -61.4838
Hunter-Lab	33.9977, 4.2015, -50.6085

Details

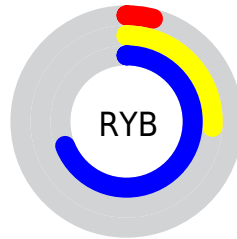
The YUV color **79.1070, 47.7682, -61.4838** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **105.8930, -47.7682, 61.4838**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.9570, 45.3772, -41.1813**, and **43.9590, 38.9672, -38.5520** is the 20% darker color. If you saturate the color by 10%, you get **74.0680, 50.2525, -64.9576**, and if you desaturate by 10%, it is **89.1850, 42.7998, -54.5362**.

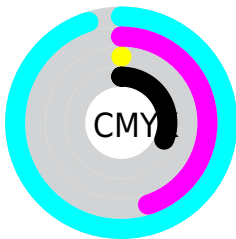
Distribution



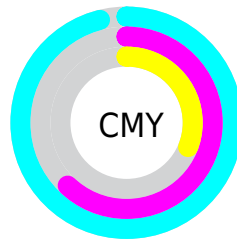
- Red (4%)
- Green (38%)
- Blue (69%)



- Red (4%)
- Yellow (26%)
- Blue (69%)



- Cyan (95%)
- Magenta (45%)
- Yellow (0%)
- Black (31%)



- Cyan (96%)
- Magenta (62%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.1070, 47.7682, -61.4838 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 79.1070, 47.7682, -61.4838 by changing the saturation by 10% instead.

■ 79.1070, 47.7682,
-61.4838

■ 79.1070, 47.7682,
-61.4838

■ 255.0000, 0.0000,
0.0000

■ 59.8370, 43.9574,
-52.4770

■ 139.9570, 45.3772,
-41.1813

■ 43.9590, 38.9672,
-38.5520

■ 166.8110, 43.4772,
-38.4222

■ 29.2550, 33.3983,
-25.6566

■ 191.6300, 31.2414,
-33.8785

■ 10.6700, 30.7287,
-9.3576

■ 216.7370, 18.8637,
-30.4643

■ 8.0480, 20.6823,
-7.0581

■ 242.1430, 6.3385,
-26.4354

■ 3.7790, 11.9410,
-3.3142

■ 251.1130, 1.9163,

■ 0.0000, 0.0000,

-7.9921

0.0000

■ 79.1070, 47.7682,
-61.4838

■ 79.1070, 47.7682,
-61.4838

■ 74.0680, 50.2525,
-64.9576

■ 89.1850, 42.7998,
-54.5362

■ 99.5510, 37.6894,
-48.7182

■ 109.6290, 32.7209,
-41.7706

■ 119.9950, 27.6105,
-35.9526

■ 130.0730, 22.6420,
-29.0050

■ 140.7380, 17.3842,
-22.5722

■ 150.5170, 12.5631,
-16.2394

■ 160.5950, 7.5947,
-9.2918

■ 170.9610, 2.4842,
-3.4738

Harmonies

Analogous

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



82.4170, 44.1644, -72.2797



79.1070, 47.7682, -61.4838



98.2860, 29.9320, 12.9042

Triad

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



79.1070, 47.7682, -61.4838



91.5380, -22.4502, 60.9182



73.1540, -4.0199, -64.1561

Complementary

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



79.1070, 47.7682, -61.4838



105.8930, -47.7682, 61.4838

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.



83.4140, -28.3051, -21.4111



79.1070, 47.7682, -61.4838



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.



79.1070, 47.7682, -61.4838



91.5060, -3.7005, 67.0852



88.3230, -43.5432, 12.8717



79.2300, 14.1836, -69.4847

Rectangle

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



79.1070, 47.7682, -61.4838



97.1170, 19.6623, 40.2394



88.3230, -43.5432, 12.8717



71.0850, -9.4089, -62.3415

Sweetspot

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



79.1070, 47.7682, -61.4838



192.3680, 18.5526, -24.0017



115.9210, -14.2581, -93.7697



92.1860, 11.2473, -14.1951



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.



79.1070, 47.7682, -61.4838



96.6600, 65.7366, -84.7708



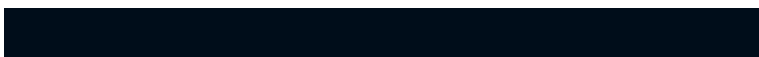
31.5600, 71.2089, -19.7851



83.9610, 2.4842, -3.4738



64.4020, 43.6788, -56.4806



10.5950, 7.5947, -9.2918

Inverse Universe

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



68.8510, 13.3845, 93.9697



82.4500, 18.5122, 129.4014



153.4400, -71.2089, 19.7851



83.2610, 0.8573, 5.0331



54.8670, 12.3906, 86.0626



9.2560, 1.8458, 14.6845

Previews

White Background



This preview shows how the YUV color 79.1070, 47.7682, -61.4838 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 79.1070, 47.7682, -61.4838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

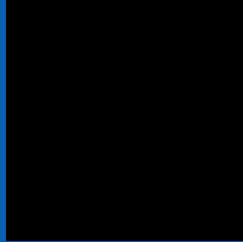
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.1070, 47.7682, -61.4838

Background



This preview shows how black text looks on a background with the YUV color 79.1070, 47.7682, -61.4838.



This preview shows how white text looks on a background with the YUV color 79.1070, 47.7682, -61.4838.

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

79.1070, 47.7682, -61.4838

Protanopia

90.9430, 39.9611, -30.6450

Deuteranopia

76.4330, 46.6215, -67.0317



Tritanopia

75.1040, 18.6827, -65.8662

Trichromacy



Original Color

79.1070, 47.7682, -61.4838

Protanomaly

86.5610, 42.6144, -41.7110

Deuteranomaly

77.5580, 47.0529, -65.3874

Tritanomaly

76.2750, 29.4444, -64.2622

Monochromacy



Original Color

79.1070, 47.7682, -61.4838

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

79.0370, 17.2368, -21.9574

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.1070, 47.7682, -61.4838 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(9, 96, 176)` looks like.

```
.text, #text, p{  
    color:rgb(9, 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(9, 96, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 96, 176) }
```

Border

The CSS property to change the border of an element to YUV 79.1070, 47.7682, -61.4838 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(9, 96, 176) }
```


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

```
.border{ border-color:rgb(9, 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(9, 96, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 96, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 96, 176);  
box-shadow:4px 4px 4px 4px rgb(9, 96, 176)  
}
```

Background

The CSS property to change the background color of an element to YUV 79.1070, 47.7682, -61.4838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 96, 176) }
```

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

```
.background{ background-color: rgb(9, 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](#).

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