

Converting Colors

YUV(70.5630, 49.5154,
-61.8838)

Have a look what the booklet for
YUV(70.5630, 49.5154, -61.8838)
contains.

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Color

**YUV(70.5630, 49.5154,
-61.8838)**

Conversions

Conversions Part 1

Format	Color
Hex	0057AB
RGB	0, 87, 171
RGB Percent	0%, 34%, 67%
CMY	1.0000, 0.6588, 0.3294
CMYK	1.00, 0.49, 0.00, 0.33
HSL	209°, 100%, 34%
HSV	209°, 100%, 67%
XYZ	10.7589, 9.7567, 39.8442
YIQ	70.5630, -78.8160, 7.6800

Conversions

Conversions Part 2

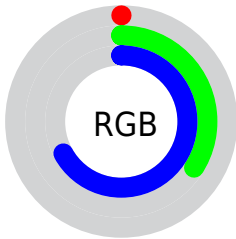
Format	Color
RYB	0, 58, 171
Decimal	22443
CIELab	37.40, 11.69, -50.98
CIELCh	37, 52.303, 282.912
Yxy	9.7567, 0.1782, 0.1616
Android (android.graphics.Color)	4278212523 (0xFF0057AB)
YUV	70.5630, 49.5154, -61.8838
Hunter-Lab	31.2357, 6.8205, -53.7654

Details

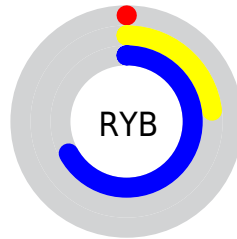
The YUV color **70.5630, 49.5154, -61.8838** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **100.4370, -49.5154, 61.8838**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.3210, 46.6767, -37.9925**, and **38.6930, 39.0984, -33.9338** is the 20% darker color. If you saturate the color by 10%, you get **70.5630, 49.5154, -61.8838**, and if you desaturate by 10%, it is **80.3420, 44.6944, -55.5509**.

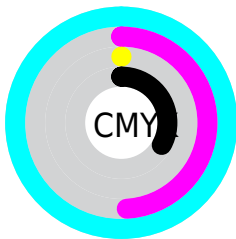
Distribution



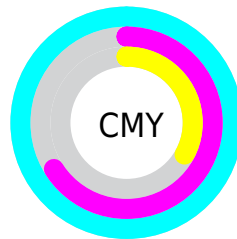
- Red (0%)
- Green (34%)
- Blue (67%)



- Red (0%)
- Yellow (23%)
- Blue (67%)



- Cyan (100%)
- Magenta (49%)
- Yellow (0%)
- Black (33%)



- Cyan (100%)
- Magenta (66%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.5630, 49.5154, -61.8838 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 70.5630, 49.5154, -61.8838 by changing the saturation by 10% instead.

■ 70.5630, 49.5154,
-61.8838

■ 70.5630, 49.5154,
-61.8838

■ 255.0000, 0.0000,
0.0000

■ 53.9840, 44.3779,
-47.3440

■ 132.3210, 46.6767,
-37.9925

■ 38.6930, 39.0984,
-33.9338

■ 160.0440, 46.8133,
-35.1186

■ 24.6900, 33.6768,
-21.6531

■ 184.8630, 34.5775,
-30.5749

■ 11.8610, 27.6765,
-10.4021

■ 209.9700, 22.1998,
-27.1607

■ 6.8910, 18.7877,
-6.0434

■ 235.3760, 9.6746,
-23.1318

■ 3.3230, 10.1938,
-2.9143

■ 250.2160, 2.3585,

■ 0.0000, 0.0000,

-9.8364

0.0000

■ 70.5630, 49.5154,
-61.8838

■ 80.3420, 44.6944,
-55.5509

■ 90.7080, 39.5840,
-49.7329

■ 100.4870, 34.7629,
-43.4001

■ 110.8530, 29.6525,
-37.5821

■ 120.6320, 24.8314,
-31.2493

■ 130.7100, 19.8630,
-24.3017

■ 141.0760, 14.7525,
-18.4837

■ 150.8550, 9.9315,
-12.1508

■ 161.2210, 4.8210,
-6.3328

Harmonies

Analogous

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



77.9660, 44.8798, -68.3762



70.5630, 49.5154, -61.8838



90.5040, 29.3315, 18.8520

Triad

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



70.5630, 49.5154, -61.8838



82.5550, -24.9236, 60.9033



68.7030, -3.3046, -60.2525

Complementary

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



70.5630, 49.5154, -61.8838



100.4370, -49.5154, 61.8838

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.



73.1850, -27.6992, -29.1032



70.5630, 49.5154, -61.8838



82.8730, -40.8564, 37.8224

Square

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



70.5630, 49.5154, -61.8838



80.7130, -4.2955, 71.2887



80.9140, -39.8906, 7.9684



74.8930, 15.3358, -65.6812

Rectangle

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



70.5630, 49.5154, -61.8838



87.7480, 19.3512, 46.7020



80.9140, -39.8906, 7.9684



66.4060, -9.5672, -58.2381

Sweetspot

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



70.5630, 49.5154, -61.8838



182.5960, 19.4262, -24.2017



109.8390, -13.2316, -96.3288



88.3000, 11.6841, -14.2951



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



70.5630, 49.5154, -61.8838



91.6390, 64.2680, -80.3674



21.2550, 73.8243, -18.6406



81.3740, 2.7736, -2.9590



62.2990, 43.2366, -54.6362



9.6660, 6.5737, -8.4771

Inverse Universe

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



61.0470, 12.7948, 96.4288



79.2600, 16.6338, 125.1830



149.7450, -73.8243, 18.6406



81.1470, 0.4205, 5.1331



53.6280, 11.5224, 84.5182



8.2450, 1.8512, 12.9401

Previews

White Background



This preview shows how the YUV color 70.5630, 49.5154, -61.8838 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 ✓ Pass

Black Background



This preview shows how the YUV color 70.5630, 49.5154, -61.8838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

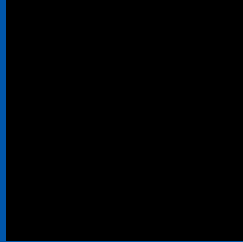
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.5630, 49.5154, -61.8838

Background



This preview shows how black text looks on a background with the YUV color 70.5630, 49.5154, -61.8838.



This preview shows how white text looks on a background with the YUV color 70.5630, 49.5154,

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



Protanopia

81.1210, 43.3243, -36.0631

Deuteranopia

70.7280, 42.5321, -62.0285

Tritanopia

69.3820, 17.0667, -60.8480

Trichromacy



Protanomaly

77.3370, 45.6829, -45.8995

Deuteranomaly

70.7110, 45.0055, -62.0135

Tritanomaly

69.7700, 28.7074, -61.1883

Monochromacy



Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.8520, 17.8210, -22.6722

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.5630, 49.5154, -61.8838 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, 87, 171)` looks like.

```
.text, #text, p{  
    color:rgb(0, 87, 171)  
}
```

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, 87, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 87, 171) }
```

Border

The CSS property to change the border of an element to YUV 70.5630, 49.5154, -61.8838 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, 87, 171) }
```

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

```
.border{ border-color:rgb(0, 87, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 87, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 87, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 87, 171);  
box-shadow:4px 4px 4px 4px rgb(0, 87, 171)  
}
```


Background

The CSS property to change the background color of an element to YUV 70.5630, 49.5154, -61.8838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 87, 171) }
```

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

```
.background{ background-color: rgb(0, 87,  
171) }
```

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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