

Converting Colors

YUV(70.5460, 51.9888,
-61.8688)

Have a look what the booklet for
YUV(70.5460, 51.9888, -61.8688)
contains.

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Color

**YUV(70.5460, 51.9888,
-61.8688)**

Conversions

Conversions Part 1

Format	Color
Hex	0056B0
RGB	0, 86, 176
RGB Percent	0%, 34%, 69%
CMY	1.0000, 0.6627, 0.3098
CMYK	1.00, 0.51, 0.00, 0.31
HSL	211°, 100%, 35%
HSV	211°, 100%, 69%
XYZ	11.1643, 9.7902, 42.3756
YIQ	70.5460, -80.1460, 9.7580

Conversions

Conversions Part 2

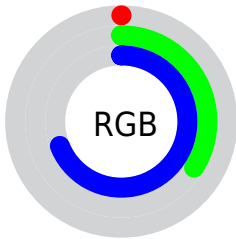
Format	Color
RYB	0, 58, 176
Decimal	22192
CIELab	37.46, 14.42, -53.84
CIELCh	37, 55.742, 284.997
Yxy	9.7902, 0.1763, 0.1546
Android (android.graphics.Color)	4278212272 (0xFF0056B0)
YUV	70.5460, 51.9888, -61.8688
Hunter-Lab	31.2892, 8.9341, -58.3950

Details

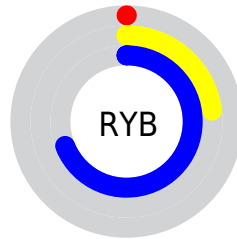
The YUV color **70.5460, 51.9888, -61.8688** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **105.4540, -51.9888, 61.8688**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.9020, 48.8553, -36.7481**, and **38.6760, 41.5717, -33.9189** is the 20% darker color. If you saturate the color by 10%, you get **70.5460, 51.9888, -61.8688**, and if you desaturate by 10%, it is **81.2110, 46.7310, -55.4360**.

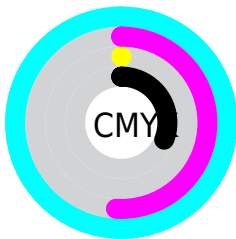
Distribution



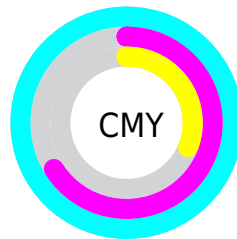
- Red (0%)
- Green (34%)
- Blue (69%)



- Red (0%)
- Yellow (23%)
- Blue (69%)



- Cyan (100%)
- Magenta (51%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (66%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.5460, 51.9888, -61.8688 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 70.5460, 51.9888, -61.8688 by changing the saturation by 10% instead.

■ 70.5460, 51.9888,
-61.8688

■ 70.5460, 51.9888,
-61.8688

■ 255.0000, 0.0000,
0.0000

■ 53.9670, 46.8513,
-47.3291

■ 132.9020, 48.8553,
-36.7481

■ 38.6760, 41.5717,
-33.9189

■ 160.0550, 46.8079,
-33.3742

■ 25.1460, 35.4240,
-22.0530

■ 184.8740, 34.5721,
-28.8305

■ 11.8440, 30.1499,
-10.3872

■ 209.3940, 22.4838,
-24.9015

■ 7.9340, 20.2455,
-6.9581

■ 235.3870, 9.6692,
-21.3874

■ 3.6650, 11.5042,
-3.2142

■ 250.8140, 2.0637,

■ 0.0000, 0.0000,

-8.6069

0.0000

■ 70.5460, 51.9888,
-61.8688

■ 81.2110, 46.7310,
-55.4360

■ 91.5770, 41.6205,
-49.6180

■ 102.2420, 36.3627,
-43.1852

■ 112.6080, 31.2523,
-37.3672

■ 123.2730, 25.9944,
-30.9344

■ 133.9380, 20.7366,
-24.5016

■ 144.3040, 15.6261,
-18.6836

■ 154.9690, 10.3683,
-12.2508

■ 165.3350, 5.2578,
-6.4328

Harmonies

Analogous

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



78.7640, 47.9373, -69.0760



70.5460, 51.9888, -61.8688



89.8790, 30.6257, 23.7851

Triad

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



70.5460, 51.9888, -61.8688



81.7680, -27.9866, 63.3475



69.9910, -3.4466, -61.3821

Complementary

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



70.5460, 51.9888, -61.8688



105.4540, -51.9888, 61.8688

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.



69.7280, -27.9669, -36.5955



70.5460, 51.9888, -61.8688



83.4600, -41.1458, 37.3076

Square

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



70.5460, 51.9888, -61.8688



77.9310, -4.8960, 77.2365



80.3050, -39.5904, 4.9945



75.9360, 16.7936, -66.5959

Rectangle

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



70.5460, 51.9888, -61.8688



86.6070, 19.9137, 52.9647



80.3050, -39.5904, 4.9945



66.9930, -9.8565, -58.7529

Sweetspot

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



70.5460, 51.9888, -61.8688



188.2370, 20.5892, -23.8868



113.3440, -12.4946, -99.4027



90.1150, 12.2683, -15.0099



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.



70.5460, 51.9888, -61.8688



91.9640, 68.0517, -80.6524



20.0640, 76.8764, -17.5961



83.9610, 2.4842, -3.4738



61.4670, 45.1258, -53.9066



10.0080, 7.8841, -8.7770

Inverse Universe

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



62.4280, 11.6210, 99.6026



81.5380, 15.0178, 130.2012



155.9360, -76.8764, 17.5961



83.2610, 0.8573, 5.0331



54.2970, 10.2066, 86.5625



9.1420, 1.4090, 14.7845

Previews

White Background



This preview shows how the YUV color 70.5460, 51.9888, -61.8688 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 70.5460, 51.9888, -61.8688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

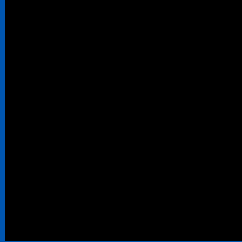
Any Text WCAG AA × Fail

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 70.5460, 51.9888, -61.8688 Background



This preview shows how black text looks on a background with the YUV color 70.5460, 51.9888, -61.8688.



This preview shows how white text looks on a background with the YUV color 70.5460, 51.9888, -61.8688.

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

70.5460, 51.9888, -61.8688

Protanopia

78.5160, 47.5666, -43.4255

Deuteranopia

70.7280, 42.5321, -62.0285



Tritanopia

69.3820, 17.0667, -60.8480

Trichromacy



Original Color

70.5460, 51.9888, -61.8688

Protanomaly

75.2270, 49.1881, -50.1881

Deuteranomaly

70.9390, 45.8791, -62.2135

Tritanomaly

69.9980, 29.5810, -61.3882

Monochromacy



Original Color

70.5460, 51.9888, -61.8688

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.4930, 18.9840, -22.3574

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.5460, 51.9888, -61.8688 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, 86, 176)` looks like.

```
.text, #text, p{  
    color:rgb(0, 86, 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, 86, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 86, 176) }
```

Border

The CSS property to change the border of an element to YUV 70.5460, 51.9888, -61.8688 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, 86, 176) }
```


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

```
.border{ border-color:rgb(0, 86, 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, 86, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 86, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 86, 176);  
box-shadow:4px 4px 4px 4px rgb(0, 86, 176)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.5460, 51.9888, -61.8688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 86, 176) }
```

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

```
.background{ background-color: rgb(0, 86,  
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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