

Converting Colors

YUV(61.8770, 36.5426,
-54.2661)

Have a look what the booklet for
YUV(61.8770, 36.5426, -54.2661)
contains.

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Color

**YUV(61.8770, 36.5426,
-54.2661)**

Conversions

Conversions Part 1

Format	Color
Hex	004F88
RGB	0, 79, 136
RGB Percent	0%, 31%, 53%
CMY	1.0000, 0.6902, 0.4667
CMYK	1.00, 0.42, 0.00, 0.47
HSL	205°, 100%, 27%
HSV	205°, 100%, 53%
XYZ	7.2399, 7.3695, 24.3334
YIQ	61.8770, -65.3810, 0.9790

Conversions

Conversions Part 2

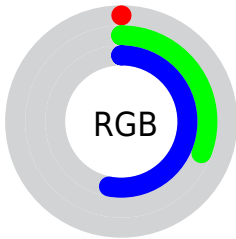
Format	Color
RYB	0, 50, 136
Decimal	20360
CIELab	32.63, 2.32, -37.52
CIElCh	33, 37.590, 273.542
Yxy	7.3695, 0.1859, 0.1892
Android (android.graphics.Color)	4278210440 (0xFF004F88)
YUV	61.8770, 36.5426, -54.2661
Hunter-Lab	27.1469, 0.0978, -34.1424

Details

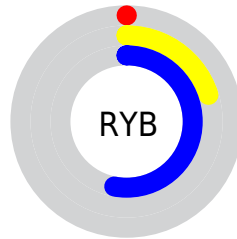
The YUV color **61.8770, 36.5426, -54.2661** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **74.1230, -36.5426, 54.2661**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.4170, 34.3044, -36.3227**, and **30.9360, 27.1466, -27.1309** is the 20% darker color. If you saturate the color by 10%, you get **61.8770, 36.5426, -54.2661**, and if you desaturate by 10%, it is **69.5850, 32.7426, -48.7480**.

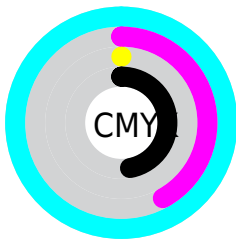
Distribution



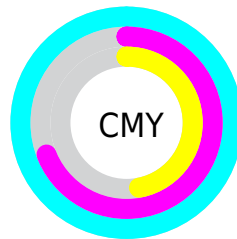
- Red (0%)
- Green (31%)
- Blue (53%)



- Red (0%)
- Yellow (20%)
- Blue (53%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (47%)



- Cyan (100%)
- Magenta (69%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.8770, 36.5426, -54.2661 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 61.8770, 36.5426, -54.2661 by changing the saturation by 10% instead.

■ 61.8770, 36.5426,
-54.2661

■ 61.8770, 36.5426,
-54.2661

■ 255.0000, 0.0000,
0.0000

■ 45.4120, 31.8419,
-39.8263

■ 120.4170, 34.3044,
-36.3227

■ 30.9360, 27.1466,
-27.1309

■ 146.9550, 35.0252,
-34.1635

■ 14.6990, 23.3194,
-12.8910

■ 174.3680, 35.3146,
-33.6487

■ 6.2070, 16.1669,
-5.4435

■ 200.2020, 27.0154,
-31.7492

■ 2.5250, 7.1362,
-2.2144

■ 225.3090, 14.6377,
-28.3350

■ 0.0000, 0.0000,
0.0000

■ 245.1330, 4.8644,

-20.2876

254.1030, 0.4422,
-1.8443

■ 61.8770, 36.5426,
-54.2661

■ 69.5850, 32.7426,
-48.7480

■ 76.4070, 29.3793,
-43.3299

■ 84.1150, 25.5793,
-37.8119

■ 91.5240, 21.9267,
-32.9085

■ 99.2320, 18.1266,
-27.3905

■ 106.3530, 14.6160,
-21.3576

■ 113.7620, 10.9633,
-16.4543

■ 121.4700, 7.1633,
-10.9362

■ 128.2920, 3.8000,
-5.5181

Harmonies

Analogous

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



65.8890, 31.6067, -57.7847



61.8770, 36.5426, -54.2661



78.2110, 23.5600, 3.3230

Triad

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



61.8770, 36.5426, -54.2661



75.2140, -14.4025, 46.2933



58.4270, -4.6475, -49.4865

Complementary

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



61.8770, 36.5426, -54.2661



74.1230, -36.5426, 54.2661

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.



69.2720, -22.8121, -9.8855



61.8770, 36.5426, -54.2661



74.4500, -25.8579, 33.8083

Square

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



61.8770, 36.5426, -54.2661



75.4820, -0.7306, 47.8123



72.3630, -30.7450, 14.5906



62.4230, 8.1725, -54.7450

Rectangle

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



61.8770, 36.5426, -54.2661



79.0950, 16.2222, 23.5957



72.3630, -30.7450, 14.5906



65.1860, -12.4167, -30.8581

Sweetspot

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



61.8770, 36.5426, -54.2661



147.2390, 14.1792, -21.2576



86.3300, -14.4597, -75.7114



71.8010, 8.4791, -12.9805



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



61.8770, 36.5426, -54.2661



79.9380, 47.3586, -70.1056



21.9610, 56.2212, -19.2598



65.1460, 1.9000, -2.7590



60.3610, 35.8110, -52.9366



2.3310, 1.3158, -2.0443

Inverse Universe

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



49.6700, 14.4597, 75.7114



64.2520, 18.6098, 98.0030



114.0390, -56.2212, 19.2598



64.5490, 0.7153, 3.9035



48.5450, 14.0283, 74.0670



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 61.8770, 36.5426, -54.2661 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 61.8770, 36.5426, -54.2661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

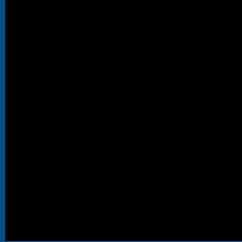
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.8770, 36.5426, -54.2661

Background



This preview shows how black text looks on a background with the YUV color 61.8770, 36.5426, -54.2661.



This preview shows how white text looks on a background with the YUV color 61.8770, 36.5426, -54.2661.

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

61.8770, 36.5426, -54.2661

Protanopia

74.6210, 28.2878, -19.8386

Deuteranopia

68.4660, 33.2943, -38.9967



Tritanopia

60.8560, 14.8610, -53.3707

Trichromacy



Original Color

61.8770, 36.5426, -54.2661

Protanomaly

69.6410, 31.2360, -32.1342

Deuteranomaly

65.7750, 34.6209, -44.5297

Tritanomaly

60.9190, 22.7179, -53.4260

Monochromacy



Original Color

61.8770, 36.5426, -54.2661

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

61.7230, 13.4476, -19.9281

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.8770, 36.5426, -54.2661 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, 79, 136)` looks like.

```
.text, #text, p{  
    color:rgb(0, 79, 136)  
}
```

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, 79, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 79, 136) }
```

Border

The CSS property to change the border of an element to YUV 61.8770, 36.5426, -54.2661 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, 79, 136) }
```


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

```
.border{ border-color:rgb(0, 79, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 79, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 79, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 79, 136);  
box-shadow:4px 4px 4px 4px rgb(0, 79, 136)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.8770, 36.5426, -54.2661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 79, 136) }
```

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

```
.background{ background-color: rgb(0, 79,  
136) }
```

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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