

Converting Colors

YUV(68.7730, 37.5799,
-60.3139)

Have a look what the booklet for
YUV(68.7730, 37.5799, -60.3139)
contains.

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Color

**YUV(68.7730, 37.5799,
-60.3139)**

Conversions

Conversions Part 1

Format	Color
Hex	005991
RGB	0, 89, 145
RGB Percent	0%, 35%, 57%
CMY	1.0000, 0.6510, 0.4314
CMYK	1.00, 0.39, 0.00, 0.43
HSL	203°, 100%, 28%
HSV	203°, 100%, 57%
XYZ	8.6832, 9.1891, 28.1041
YIQ	68.7730, -71.0200, -1.4520

Conversions

Conversions Part 2

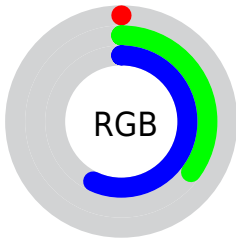
Format	Color
RYB	0, 55, 145
Decimal	22929
CIELab	36.35, -0.44, -37.09
CIELCh	36, 37.092, 269.324
Yxy	9.1891, 0.1889, 0.1999
Android (android.graphics.Color)	4278213009 (0xFF005991)
YUV	68.7730, 37.5799, -60.3139
Hunter-Lab	30.3135, -1.9179, -33.7491

Details

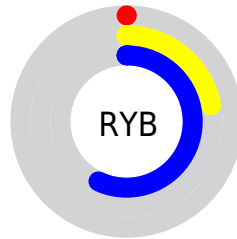
The YUV color **68.7730, 37.5799, -60.3139** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **76.2270, -37.5799, 60.3139**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.7970, 34.6101, -41.0410**, and **36.5440, 28.3258, -32.0491** is the 20% darker color. If you saturate the color by 10%, you get **68.7730, 37.5799, -60.3139**, and if you desaturate by 10%, it is **76.4810, 33.7799, -54.7958**.

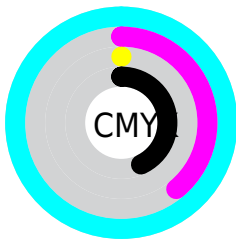
Distribution



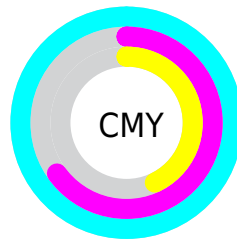
- Red (0%)
- Green (35%)
- Blue (57%)



- Red (0%)
- Yellow (22%)
- Blue (57%)



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (43%)



- Cyan (100%)
- Magenta (65%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.7730, 37.5799, -60.3139 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 68.7730, 37.5799, -60.3139 by changing the saturation by 10% instead.

■ 68.7730, 37.5799,
-60.3139

■ 68.7730, 37.5799,
-60.3139

■ 255.0000, 0.0000,
0.0000

■ 52.3080, 32.8792,
-45.8741

■ 128.7970, 34.6101,
-41.0410

■ 36.5440, 28.3258,
-32.0491

■ 155.9220, 35.0415,
-39.3966

■ 22.0680, 23.6305,
-19.3536

■ 183.3350, 35.3308,
-38.8818

■ 7.7060, 19.3719,
-6.7582

■ 208.4420, 22.9531,
-35.4676

■ 3.4370, 10.6306,
-3.0142

■ 233.5490, 10.5753,
-32.0535

■ 0.0000, 0.0000,
0.0000

■ 246.6280, 4.1274,

-17.2138

■ 68.7730, 37.5799,
-60.3139

■ 76.4810, 33.7799,
-54.7958

■ 83.9010, 30.1218,
-48.1482

■ 91.9080, 26.1744,
-42.0153

■ 99.0290, 22.6637,
-35.9824

■ 107.0360, 18.7163,
-29.8496

■ 114.7440, 14.9162,
-24.3315

■ 122.1640, 11.2581,
-17.6838

■ 129.8720, 7.4581,
-12.1657

■ 137.2920, 3.8000,
-5.5181

Harmonies

Analogous

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



71.8560, 31.6230, -63.0177



68.7730, 37.5799, -60.3139



86.9330, 25.1760, -1.6952

Triad

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



68.7730, 37.5799, -60.3139



84.5670, -13.0975, 47.7377



72.6520, -9.1954, -37.4058

Complementary

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



68.7730, 37.5799, -60.3139



76.2270, -37.5799, 60.3139

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.



78.9520, -24.1333, -6.0969



68.7730, 37.5799, -60.3139



84.1020, -24.7003, 35.8675

Square

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



68.7730, 37.5799, -60.3139



85.2260, 0.8746, 46.2828



82.3140, -29.7348, 17.2646



68.2760, 7.7519, -59.8781

Rectangle

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



68.7730, 37.5799, -60.3139



88.5290, 17.9802, 19.7071



82.3140, -29.7348, 17.2646



75.8340, -15.2012, -24.4104

Sweetspot

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



68.7730, 37.5799, -60.3139



159.0430, 14.7688, -23.7167



91.4990, -17.5010, -80.2446



76.2030, 8.7739, -14.2100



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



68.7730, 37.5799, -60.3139



89.6380, 48.9855, -78.6125



26.5090, 58.4161, -23.2484



67.7330, 1.6106, -3.2738



64.1110, 34.9483, -56.2253



3.8470, 2.0474, -3.3738

Inverse Universe

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



53.5010, 17.5010, 80.2446



69.7350, 22.8086, 104.5954



118.4910, -58.4161, 23.2484



66.6630, 1.1521, 3.8035



49.8270, 16.3543, 74.6967



2.9620, 1.0047, 4.4183

Previews

White Background



This preview shows how the YUV color 68.7730, 37.5799, -60.3139 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 68.7730, 37.5799, -60.3139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

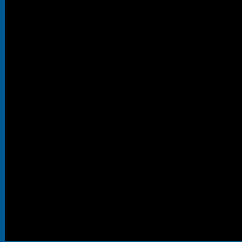
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.7730, 37.5799, -60.3139

Background



This preview shows how black text looks on a background with the YUV color 68.7730, 37.5799, -60.3139.



This preview shows how white text looks on a background with the YUV color 68.7730, 37.5799, -60.3139.

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

68.7730, 37.5799, -60.3139

Protanopia

84.1050, 27.5562, -18.5091

Deuteranopia

79.6840, 32.6938, -33.0489



Tritanopia

67.3930, 17.0613, -59.1037

Trichromacy



Original Color

68.7730, 37.5799, -60.3139

Protanomaly

78.6300, 31.2414, -33.8785

Deuteranomaly

75.7860, 34.6155, -42.7853

Tritanomaly

68.0430, 24.6288, -59.6737

Monochromacy



Original Color

68.7730, 37.5799, -60.3139

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

68.8260, 13.8898, -21.7724

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.7730, 37.5799, -60.3139 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, 89, 145)` looks like.

```
.text, #text, p{  
    color:rgb(0, 89, 145)  
}
```

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, 89, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 89, 145) }
```

Border

The CSS property to change the border of an element to YUV 68.7730, 37.5799, -60.3139 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, 89, 145) }
```


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

```
.border{ border-color:rgb(0, 89, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 89, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 89, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 89, 145);  
box-shadow:4px 4px 4px 4px rgb(0, 89, 145)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.7730, 37.5799, -60.3139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 89, 145) }
```

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

```
.background{ background-color: rgb(0, 89,  
145) }
```

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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