

Converting Colors

YUV(59.2840, 39.3000,
-51.9921)

Have a look what the booklet for
YUV(59.2840, 39.3000, -51.9921)
contains.

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Color

**YUV(59.2840, 39.3000,
-51.9921)**

Conversions

Conversions Part 1

Format	Color
Hex	004A8B
RGB	0, 74, 139
RGB Percent	0%, 29%, 55%
CMY	1.0000, 0.7098, 0.4549
CMYK	1.00, 0.47, 0.00, 0.45
HSL	208°, 100%, 27%
HSV	208°, 100%, 55%
XYZ	7.1090, 6.7616, 25.3565
YIQ	59.2840, -64.9690, 4.5270

Conversions

Conversions Part 2

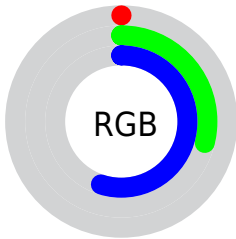
Format	Color
RYB	0, 48, 139
Decimal	19083
CIELab	31.26, 6.97, -41.57
CIELCh	31, 42.148, 279.515
Yxy	6.7616, 0.1812, 0.1724
Android (android.graphics.Color)	4278209163 (0xFF004A8B)
YUV	59.2840, 39.3000, -51.9921
Hunter-Lab	26.0032, 3.2945, -39.6134

Details

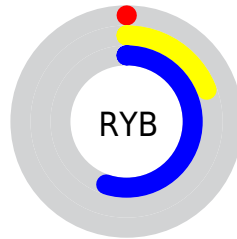
The YUV color **59.2840, 39.3000, -51.9921** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **79.7160, -39.3000, 51.9921**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.5360, 37.2038, -32.9191**, and **28.2290, 29.4671, -24.7568** is the 20% darker color. If you saturate the color by 10%, you get **59.2840, 39.3000, -51.9921**, and if you desaturate by 10%, it is **67.5790, 35.2106, -46.9888**.

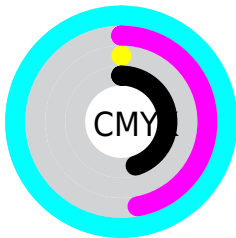
Distribution



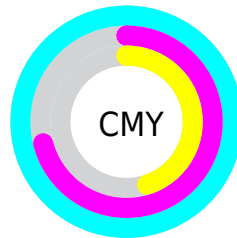
- Red (0%)
- Green (29%)
- Blue (55%)



- Red (0%)
- Yellow (19%)
- Blue (55%)



- Cyan (100%)
- Magenta (47%)
- Yellow (0%)
- Black (45%)



- Cyan (100%)
- Magenta (71%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.2840, 39.3000, -51.9921 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 59.2840, 39.3000, -51.9921 by changing the saturation by 10% instead.

■ 59.2840, 39.3000,
-51.9921

■ 59.2840, 39.3000,
-51.9921

■ 255.0000, 0.0000,
0.0000

■ 43.4060, 34.3098,
-38.0671

■ 117.5360, 37.2038,
-32.9191

■ 28.2290, 29.4671,
-24.7568

■ 144.6610, 37.6351,
-31.2747

■ 10.9320, 26.6555,
-9.5874

■ 171.6010, 38.6507,
-30.3451

■ 6.5490, 17.4773,
-5.7435

■ 196.6910, 28.7463,
-26.9160

■ 2.8670, 8.4466,
-2.5144

■ 221.7980, 16.3686,
-23.5018

■ 0.0000, 0.0000,
0.0000

■ 245.7310, 4.5696,

-19.0581

254.7010, 0.1474,
-0.6148

■ 59.2840, 39.3000,
-51.9921

■ 67.5790, 35.2106,
-46.9888

■ 75.2870, 31.4105,
-41.4707

■ 83.5820, 27.3211,
-36.4674

■ 91.2900, 23.5210,
-30.9493

■ 99.5850, 19.4316,
-25.9460

■ 106.9940, 15.7790,
-21.0427

■ 115.2890, 11.6895,
-16.0395

■ 122.9970, 7.8895,
-10.5214

■ 131.2920, 3.8000,
-5.5181

Harmonies

Analogous

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



64.1110, 34.9483, -56.2253



59.2840, 39.3000, -51.9921



75.7820, 24.2645, 10.7152

Triad

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



59.2840, 39.3000, -51.9921



70.1990, -18.3391, 48.9375



56.6550, -3.7739, -49.6864

Complementary

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



59.2840, 39.3000, -51.9921



79.7160, -39.3000, 51.9921

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.



63.5160, -22.9324, -17.9925



59.2840, 39.3000, -51.9921



69.4300, -32.2570, 32.9489

Square

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



59.2840, 39.3000, -51.9921



69.6570, -2.7889, 54.6748



67.9450, -33.4969, 10.5722



61.7050, 10.4984, -54.1153

Rectangle

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



59.2840, 39.3000, -51.9921



74.5630, 16.4844, 32.8322



67.9450, -33.4969, 10.5722



54.8140, -8.2893, -48.0719

Sweetspot

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



59.2840, 39.3000, -51.9921



150.1790, 15.1948, -20.3280



89.0030, -11.8335, -78.0556



72.7410, 9.4947, -12.0509



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



59.2840, 39.3000, -51.9921



76.9860, 51.2789, -67.5167



18.7810, 59.2680, -16.4709



65.1460, 1.9000, -2.7590



56.8390, 37.5474, -49.8478



2.3310, 1.3158, -2.0443

Inverse Universe

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



49.9970, 11.8335, 78.0556



65.0630, 15.2519, 101.6767



120.2190, -59.2680, 16.4709



64.5490, 0.7153, 3.9035



47.8610, 11.4075, 74.6669



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 59.2840, 39.3000, -51.9921 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 59.2840, 39.3000, -51.9921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

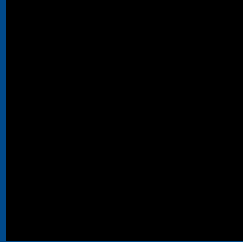
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.2840, 39.3000, -51.9921

Background



This preview shows how black text looks on a background with the YUV color 59.2840, 39.3000, -51.9921.



This preview shows how white text looks on a background with the YUV color 59.2840, 39.3000, -51.9921.

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

69.8420, 33.1089, -26.1714

Deuteranopia

59.0730, 35.9530, -51.8070

Tritanopia

58.1660, 14.7082, -51.0116

Trichromacy



Protanomaly

66.0580, 35.4674, -36.0079

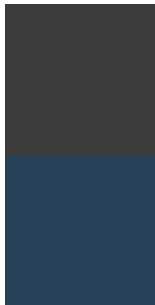
Deuteranomaly

59.4150, 37.2634, -52.1070

Tritanomaly

58.5710, 23.8755, -51.3668

Monochromacy



Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

58.9620, 14.3157, -18.3837

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.2840, 39.3000, -51.9921 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, 74, 139)` looks like.

```
.text, #text, p{  
    color:rgb(0, 74, 139)  
}
```

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, 74, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 74, 139) }
```

Border

The CSS property to change the border of an element to YUV 59.2840, 39.3000, -51.9921 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, 74, 139) }
```

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

```
.border{ border-color:rgb(0, 74, 139) }
```

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

Here you see how a box with a 4 pixel rgb(0, 74, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 74, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 74, 139);  
box-shadow:4px 4px 4px 4px rgb(0, 74, 139)  
}
```


Background

The CSS property to change the background color of an element to YUV 59.2840, 39.3000, -51.9921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 74, 139) }
```

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

```
.background{ background-color: rgb(0, 74,  
139) }
```

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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