

Converting Colors

YUV(45.3900, 52.0657,
-39.8070)

Have a look what the booklet for
YUV(45.3900, 52.0657, -39.8070)
contains.

YUV(45.3900, 52.0657, -39.8070)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(45.3900, 52.0657,
-39.8070)**

Conversions

Conversions Part 1

Format	Color
Hex	003097
RGB	0, 48, 151
RGB Percent	0%, 19%, 59%
CMY	1.0000, 0.8118, 0.4078
CMYK	1.00, 0.68, 0.00, 0.41
HSL	221°, 100%, 30%
HSV	221°, 100%, 59%
XYZ	6.6429, 4.3483, 29.7673
YIQ	45.3900, -61.6710, 21.8570

Conversions

Conversions Part 2

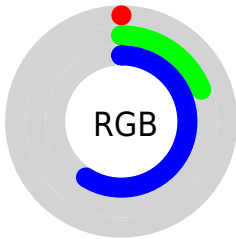
Format	Color
RYB	0, 36, 151
Decimal	12439
CIELab	24.79, 30.13, -59.48
CIELCh	25, 66.674, 296.869
Yxy	4.3483, 0.1630, 0.1067
Android (android.graphics.Color)	4278202519 (0xFF003097)
YUV	45.3900, 52.0657, -39.8070
Hunter-Lab	20.8525, 20.3719, -70.0408

Details

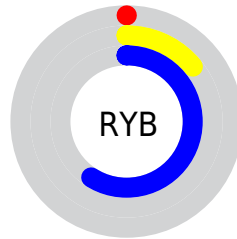
The YUV color **45.3900, 52.0657, -39.8070** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **105.6100, -52.0657, 39.8070**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.3760, 50.1006, -16.1158**, and **15.3950, 41.2173, -13.5014** is the 20% darker color. If you saturate the color by 10%, you get **45.3900, 52.0657, -39.8070**, and if you desaturate by 10%, it is **55.7450, 46.9607, -35.7334**.

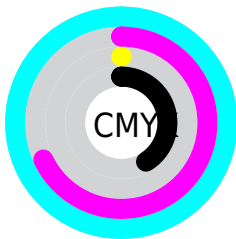
Distribution



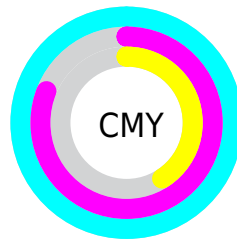
- Red (0%)
- Green (19%)
- Blue (59%)



- Red (0%)
- Yellow (14%)
- Blue (59%)



- Cyan (100%)
- Magenta (68%)
- Yellow (0%)
- Black (41%)



- Cyan (100%)
- Magenta (81%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.3900, 52.0657, -39.8070 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 45.3900, 52.0657, -39.8070 by changing the saturation by 10% instead.

■ 45.3900, 52.0657,
-39.8070

■ 45.3900, 52.0657,
-39.8070

■ 255.0000, 0.0000,
0.0000

■ 30.5720, 46.0600,
-26.8116

■ 104.3760, 50.1006,
-16.1158

■ 15.3950, 41.2173,
-13.5014

■ 130.7400, 51.4002,
-12.9270

■ 10.1970, 31.4549,
-8.9428

■ 156.9530, 48.3372,
-10.4828

■ 8.0480, 20.6823,
-7.0581

■ 181.4730, 36.2488,
-6.5538

■ 4.3660, 11.6516,
-3.8290

■ 206.2920, 24.0130,
-2.0101

■ 0.0000, 0.0000,
0.0000

■ 231.3990, 11.6353,

1.4041

254.4130, 0.2894,
0.5148

■ 45.3900, 52.0657,
-39.8070

■ 55.7450, 46.9607,
-35.7334

■ 66.6870, 41.5663,
-32.1745

■ 77.0420, 36.4613,
-28.1008

■ 87.3970, 31.3563,
-24.0272

■ 98.0510, 26.1039,
-19.3387

■ 108.9930, 20.7095,
-15.7799

■ 119.3480, 15.6044,
-11.7062

■ 129.7030, 10.4994,
-7.6325

■ 140.6450, 5.1050,
-4.0737

Harmonies

Analogous

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



58.3840, 51.0827, -51.2028



45.3900, 52.0657, -39.8070



46.0000, 34.0170, 56.1280

Triad

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



45.3900, 52.0657, -39.8070



49.9350, -24.6180, 56.1850



51.1270, 0.4304, -44.8384

Complementary

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



45.3900, 52.0657, -39.8070



105.6100, -52.0657, 39.8070

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.



43.4380, -21.4149, -38.0951



45.3900, 52.0657, -39.8070



56.1940, -27.7036, 19.1239

Square

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



45.3900, 52.0657, -39.8070



43.0150, -12.3324, 82.4248



47.6790, -23.5057, -20.7665



57.6420, 22.8545, -50.5520

Rectangle

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



45.3900, 52.0657, -39.8070



49.2290, 16.6491, 73.4672



47.6790, -23.5057, -20.7665



48.4880, -7.1426, -42.5240

Sweetspot

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



45.3900, 52.0657, -39.8070



154.8790, 20.2727, -15.6799



100.1510, 0.4186, -87.8324



74.4470, 12.1046, -9.1620



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



45.3900, 52.0657, -39.8070



58.7380, 67.6702, -51.5132



24.6890, 62.2713, 0.2727



71.0860, 2.9156, -1.8294



42.3750, 48.1291, -37.1629



3.8300, 4.5208, -3.3589

Inverse Universe

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



50.6210, -1.2922, 88.0324



65.6720, -1.8103, 114.2977



126.3110, -62.2713, -0.2727



71.6200, -0.3057, 4.7183



46.9900, -0.9811, 81.5698



4.3430, -0.1691, 7.5922

Previews

White Background



This preview shows how the YUV color 45.3900, 52.0657, -39.8070 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 45.3900, 52.0657, -39.8070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

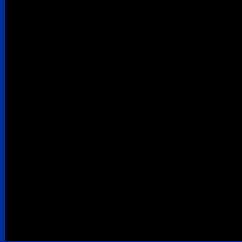
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.3900, 52.0657, -39.8070

Background



This preview shows how black text looks on a background with the YUV color 45.3900, 52.0657, -39.8070.



This preview shows how white text looks on a background with the YUV color 45.3900, 52.0657, -39.8070.

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

45.3900, 52.0657, -39.8070

Protanopia

47.2530, 36.3573, -41.4409

Deuteranopia

47.5490, 27.3373, -41.7005



Tritanopia

46.7220, 11.4761, -40.9752

Trichromacy



Original Color

45.3900, 52.0657, -39.8070

Protanomaly

46.7460, 42.0302, -40.9962

Deuteranomaly

46.5520, 36.2099, -40.8261

Tritanomaly

45.9190, 26.1689, -40.2710

Monochromacy



Original Color

45.3900, 52.0657, -39.8070

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

45.2490, 19.1042, -14.2504

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.3900, 52.0657, -39.8070 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, 48, 151)` looks like.

```
.text, #text, p{  
    color:rgb(0, 48, 151)  
}
```

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, 48, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 48, 151) }
```

Border

The CSS property to change the border of an element to YUV 45.3900, 52.0657, -39.8070 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, 48, 151) }
```


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

```
.border{ border-color:rgb(0, 48, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 48, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 48, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 48, 151);  
box-shadow:4px 4px 4px 4px rgb(0, 48, 151)  
}
```

Background

The CSS property to change the background color of an element to YUV 45.3900, 52.0657, -39.8070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 48, 151) }
```

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

```
.background{ background-color: rgb(0, 48,  
151) }
```

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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