

Converting Colors

YUV(52.4580, 42.1722,
-39.8667)

Have a look what the booklet for
YUV(52.4580, 42.1722, -39.8667)
contains.

YUV(52.4580, 42.1722, -39.8667)	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(52.4580, 42.1722,
-39.8667)**

Conversions

Conversions Part 1

Format	Color
Hex	073B8A
RGB	7, 59, 138
RGB Percent	3%, 23%, 54%
CMY	0.9725, 0.7686, 0.4588
CMYK	0.95, 0.57, 0.00, 0.46
HSL	216°, 90%, 28%
HSV	216°, 95%, 54%
XYZ	6.2390, 5.0081, 24.6826
YIQ	52.4580, -56.3510, 13.5450

Conversions

Conversions Part 2

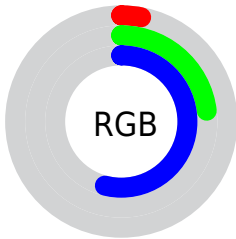
Format	Color
RYB	7, 44, 138
Decimal	473994
CIELab	26.76, 17.39, -48.23
CIELCh	27, 51.268, 289.834
Yxy	5.0081, 0.1736, 0.1394
Android (android.graphics.Color)	4278664074 (0xFF073B8A)
YUV	52.4580, 42.1722, -39.8667
Hunter-Lab	22.3787, 10.6017, -49.7287

Details

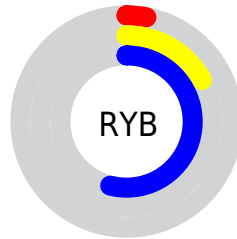
The YUV color **52.4580, 42.1722, -39.8667** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **92.5420, -42.1722, 39.8667**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.6280, 41.1024, -23.3528**, and **21.0710, 32.5030, -18.4793** is the 20% darker color. If you saturate the color by 10%, you get **48.0170, 44.3616, -42.1109**, and if you desaturate by 10%, it is **61.3400, 37.7934, -35.3782**.

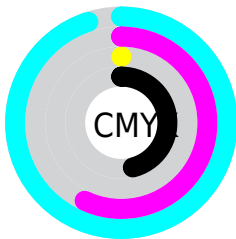
Distribution



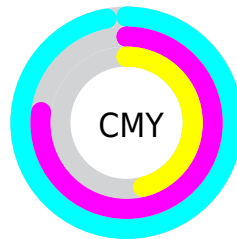
- Red (3%)
- Green (23%)
- Blue (54%)



- Red (3%)
- Yellow (17%)
- Blue (54%)



- Cyan (95%)
- Magenta (57%)
- Yellow (0%)
- Black (46%)



- Cyan (97%)
- Magenta (77%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.4580, 42.1722, -39.8667 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 52.4580, 42.1722, -39.8667 by changing the saturation by 10% instead.

■ 52.4580, 42.1722,
-39.8667

■ 52.4580, 42.1722,
-39.8667

■ 255.0000, 0.0000,
0.0000

■ 35.0740, 37.9245,
-30.7599

■ 108.6280, 41.1024,
-23.3528

■ 21.0710, 32.5030,
-18.4793

■ 135.1660, 41.8232,
-21.1936

■ 9.5300, 26.3607,
-8.3578

■ 161.5190, 43.1281,
-19.7492

■ 6.3210, 16.6037,
-5.5435

■ 186.7230, 33.6606,
-16.4201

■ 2.6390, 7.5730,
-2.3144

■ 211.8300, 21.2828,
-13.0059

■ 0.0000, 0.0000,
0.0000

■ 236.9370, 8.9051,

-9.5917

■ 52.4580, 42.1722,
-39.8667

■ 52.4580, 42.1722,
-39.8667

■ 48.0170, 44.3616,
-42.1109

■ 61.3400, 37.7934,
-35.3782

■ 70.8090, 33.1252,
-31.4045

■ 79.3920, 28.8937,
-27.5308

■ 88.2740, 24.5149,
-23.0423

■ 97.7430, 19.8467,
-19.0686

■ 106.6250, 15.4679,
-14.5801

■ 115.5070, 11.0890,
-10.0916

■ 124.6770, 6.5682,
-6.7327

■ 133.5590, 2.1894,
-2.2442

Harmonies

Analogous

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



58.3380, 40.7524, -51.1624



52.4580, 42.1722, -39.8667



63.1200, 25.0838, 27.9588

Triad

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



52.4580, 42.1722, -39.8667



56.4030, -27.8067, 52.2666



51.8450, -1.8956, -45.4681

Complementary

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



52.4580, 42.1722, -39.8667



92.5420, -42.1722, 39.8667

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.



44.8400, -21.1201, -39.3247



52.4580, 42.1722, -39.8667



60.3690, -29.7619, 25.9864

Square

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



52.4580, 42.1722, -39.8667



47.8270, -3.8587, 71.1887



56.9480, -28.0754, -1.7084



57.1060, 15.7237, -50.0820

Rectangle

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



52.4580, 42.1722, -39.8667



55.6350, 17.4349, 54.6941



56.9480, -28.0754, -1.7084



49.6620, -7.7214, -43.5536

Sweetspot

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



52.4580, 42.1722, -39.8667



145.8530, 16.3415, -14.7801



92.9030, -3.4032, -75.3369



69.4640, 9.6312, -9.1769



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.



52.4580, 42.1722, -39.8667



62.0830, 57.6401, -54.4468



25.8210, 55.3042, -5.1050



64.5590, 2.1894, -2.2442



46.2730, 42.7564, -40.5814



1.7440, 1.6052, -1.5295

Inverse Universe

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



52.0970, 3.4032, 75.3369



61.6150, 4.6268, 102.9466



119.1790, -55.3042, 5.1050



64.4350, 0.2785, 4.0035



45.8090, 3.5452, 76.4665



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 52.4580, 42.1722, -39.8667 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 52.4580, 42.1722, -39.8667 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 52.4580, 42.1722, -39.8667

Background



This preview shows how black text looks on a background with the YUV color 52.4580, 42.1722, -39.8667.



This preview shows how white text looks on a background with the YUV color 52.4580, 42.1722,

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

52.4580, 42.1722, -39.8667

Protanopia

50.6270, 39.1309, -44.3999

Deuteranopia

50.9230, 30.1110, -44.6595



Tritanopia

50.2270, 12.2131, -44.0491

Trichromacy



Original Color

52.4580, 42.1722, -39.8667

Protanomaly

51.2790, 40.2885, -42.3407

Deuteranomaly

51.6720, 34.1787, -42.6853

Tritanomaly

51.3980, 22.9748, -42.4450

Monochromacy



Original Color

52.4580, 42.1722, -39.8667

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

52.5110, 15.0311, -14.4801

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.4580, 42.1722, -39.8667 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(7, 59, 138)` looks like.

```
.text, #text, p{  
    color:rgb(7, 59, 138)  
}
```

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(7, 59, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 59, 138) }
```

Border

The CSS property to change the border of an element to YUV 52.4580, 42.1722, -39.8667 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(7, 59, 138) }
```


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

```
.border{ border-color:rgb(7, 59, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 59, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 59, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 59, 138);  
box-shadow:4px 4px 4px 4px rgb(7, 59, 138)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.4580, 42.1722, -39.8667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 59, 138) }
```

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

```
.background{ background-color: rgb(7, 59,  
138) }
```

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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