

Converting Colors

YUV(100.9390, 38.9771,
-88.5235)

Have a look what the booklet for
YUV(100.9390, 38.9771, -88.5235)
contains.

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Color

**YUV(100.9390, 38.9771,
-88.5235)**

Conversions

Conversions Part 1

Format	Color
Hex	0089B4
RGB	0, 137, 180
RGB Percent	0%, 54%, 71%
CMY	1.0000, 0.4627, 0.2941
CMYK	1.00, 0.24, 0.00, 0.29
HSL	194°, 100%, 35%
HSV	194°, 100%, 71%
XYZ	17.1839, 21.1866, 46.3638
YIQ	100.9390, -95.4550, -15.6710

Conversions

Conversions Part 2

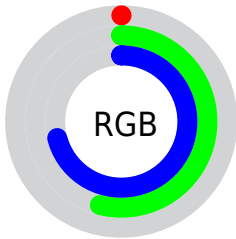
Format	Color
RYB	0, 78, 180
Decimal	35252
CIELab	53.15, -15.35, -31.24
CIELCh	53, 34.803, 243.831
Yxy	21.1866, 0.2028, 0.2500
Android (android.graphics.Color)	4278225332 (0xFF0089B4)
YUV	100.9390, 38.9771, -88.5235
Hunter-Lab	46.0289, -13.9116, -27.5011

Details

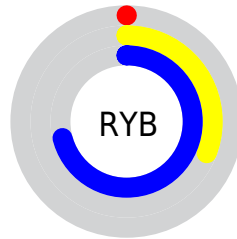
The YUV color **100.9390, 38.9771, -88.5235** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **79.0610, -38.9771, 88.5235**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.2410, 34.3912, -64.2324**, and **65.5470, 30.2963, -57.4847** is the 20% darker color. If you saturate the color by 10%, you get **100.9390, 38.9771, -88.5235**, and if you desaturate by 10%, it is **108.6690, 35.1662, -79.5167**.

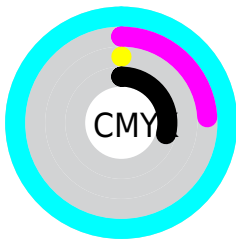
Distribution



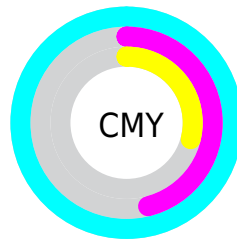
- Red (0%)
- Green (54%)
- Blue (71%)



- Red (0%)
- Yellow (31%)
- Blue (71%)



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (29%)



- Cyan (100%)
- Magenta (46%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.9390, 38.9771, -88.5235 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 100.9390, 38.9771, -88.5235 by changing the saturation by 10% instead.

■ 100.9390, 38.9771,
-88.5235

■ 100.9390, 38.9771,
-88.5235

■ 255.0000, 0.0000,
0.0000

■ 83.1860, 34.4183,
-72.9541

■ 166.2410, 34.3912,
-64.2324

■ 65.5470, 30.2963,
-57.4847

■ 194.1120, 30.0178,
-61.4882

■ 49.1960, 26.0324,
-43.1449

■ 220.1050, 17.2032,
-57.9741

■ 33.5460, 21.9158,
-29.4198

■ 233.7710, 10.4659,
-43.6492

■ 19.0700, 17.2205,
-16.7244

■ 243.0400, 5.8963,
-24.5911

■ 4.9360, 13.8356,
-4.3289

■ 252.0100, 1.4741,

■ 0.5700, 2.1840,

-6.1478

-0.4999

■ 0.0000, 0.0000,
0.0000

■ 100.9390, 38.9771,
-88.5235

■ 108.6690, 35.1662,
-79.5167

■ 116.9860, 31.0659,
-71.0247

■ 124.7160, 27.2550,
-62.0179

■ 132.4460, 23.4441,
-53.0111

■ 140.7630, 19.3438,
-44.5192

■ 148.4930, 15.5330,
-35.5124

■ 156.2230, 11.7221,
-26.5056

■ 163.9530, 7.9112,
-17.4988

■ 172.2700, 3.8109,
-9.0068

Harmonies

Analogous

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



101.4800, 28.3574, -88.9980



100.9390, 38.9771, -88.5235



122.9400, 31.0886, -31.5194

Triad

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



100.9390, 38.9771, -88.5235



129.3140, -2.6198, 47.0826



121.0980, -22.2333, -8.8559

Complementary

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



100.9390, 38.9771, -88.5235



79.0610, -38.9771, 88.5235

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.



123.9440, -28.5664, 15.8351



100.9390, 38.9771, -88.5235



127.4700, -16.0077, 47.8228

Square

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



100.9390, 38.9771, -88.5235



130.2980, 11.6851, 32.1877



126.4610, -25.8633, 35.5527



115.2930, -8.0324, -37.0910

Rectangle

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



100.9390, 38.9771, -88.5235



127.9540, 26.6447, -6.0987



126.4610, -25.8633, 35.5527



122.0560, -25.1706, -0.0491

Sweetspot

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



100.9390, 38.9771, -88.5235



203.7920, 15.3855, -34.8976



110.4480, -33.7449, -96.8629



98.5720, 9.0850, -20.6726



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



100.9390, 38.9771, -88.5235



131.8630, 50.8465, -115.6439



48.6960, 64.7329, -42.7064



85.1350, 1.9054, -4.5034



85.5340, 33.2607, -75.0133



14.1170, 5.8583, -12.3806

Inverse Universe

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



69.4380, 33.3081, 96.9629



90.6710, 43.5462, 126.5765



131.3040, -64.7329, 42.7064



83.4890, 1.7309, 4.8331



58.9710, 28.1153, 82.4634



9.9400, 4.4666, 14.0846

Previews

White Background



This preview shows how the YUV color 100.9390, 38.9771, -88.5235 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 100.9390, 38.9771, -88.5235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

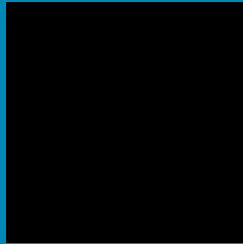
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 100.9390, 38.9771, -88.5235

Background



This preview shows how black text looks on a background with the YUV color 100.9390, 38.9771, -88.5235.

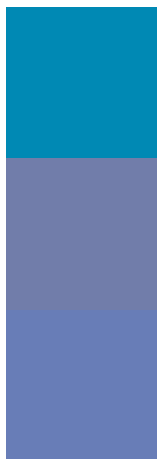


This preview shows how white text looks on a background with the YUV color 100.9390, 38.9771, -88.5235.

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

100.9390, 38.9771, -88.5235

Protanopia

126.5420, 21.4248, -11.8763

Deuteranopia

125.3330, 28.4298, -18.7090



Tritanopia

99.9810, 25.1524, -87.6833

Trichromacy



Original Color

100.9390, 38.9771, -88.5235

Protanomaly

117.0870, 28.0581, -39.5413

Deuteranomaly

116.2050, 32.4369, -44.0298

Tritanomaly

100.6480, 30.2465, -88.2683

Monochromacy



Original Color

100.9390, 38.9771, -88.5235

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.8740, 14.3591, -32.3385

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.9390, 38.9771, -88.5235 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, 137, 180)` looks like.

```
.text, #text, p{  
    color:rgb(0, 137, 180)  
}
```

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, 137, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 137, 180) }
```

Border

The CSS property to change the border of an element to YUV 100.9390, 38.9771, -88.5235 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, 137, 180) }
```


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

```
.border{ border-color:rgb(0, 137, 180) }
```

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

Here you see how a box with a 4 pixel rgb(0, 137, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 137, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 137, 180);  
box-shadow:4px 4px 4px 4px rgb(0, 137,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 100.9390, 38.9771, -88.5235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 137, 180) }
```

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

```
.background{ background-color: rgb(0, 137,  
180) }
```

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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