

Converting Colors

YUV(100.3010, 46.6866,
-87.9640)

Have a look what the booklet for
YUV(100.3010, 46.6866, -87.9640)
contains.

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Color

**YUV(100.3010, 46.6866,
-87.9640)**

Conversions

Conversions Part 1

Format	Color
Hex	0085C3
RGB	0, 133, 195
RGB Percent	0%, 52%, 76%
CMY	1.0000, 0.4784, 0.2353
CMYK	1.00, 0.32, 0.00, 0.24
HSL	199°, 100%, 38%
HSV	199°, 100%, 76%
XYZ	18.2379, 20.7152, 54.6670
YIQ	100.3010, -99.1700, -8.9140

Conversions

Conversions Part 2

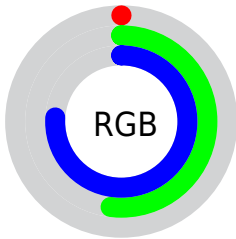
Format	Color
RYB	0, 79, 195
Decimal	34243
CIELab	52.64, -7.46, -40.62
CIELCh	53, 41.299, 259.600
Yxy	20.7152, 0.1948, 0.2213
Android (android.graphics.Color)	4278224323 (0xFF0085C3)
YUV	100.3010, 46.6866, -87.9640
Hunter-Lab	45.5139, -8.1228, -39.3537

Details

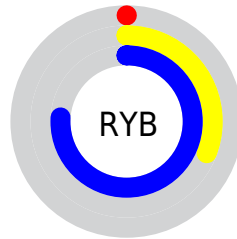
The YUV color **100.3010, 46.6866, -87.9640** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **94.6990, -46.6866, 87.9640**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.6140, 42.0953, -61.9285**, and **65.3820, 37.2797, -57.3400** is the 20% darker color. If you saturate the color by 10%, you get **100.3010, 46.6866, -87.9640**, and if you desaturate by 10%, it is **109.5040, 42.1495, -79.3720**.

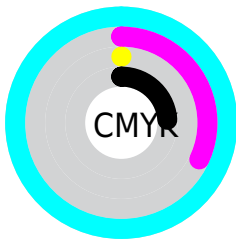
Distribution



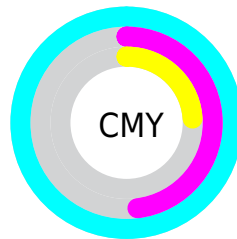
- Red (0%)
- Green (52%)
- Blue (76%)



- Red (0%)
- Yellow (31%)
- Blue (76%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (48%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.3010, 46.6866, -87.9640 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 100.3010, 46.6866, -87.9640 by changing the saturation by 10% instead.

■ 100.3010, 46.6866,
-87.9640

■ 100.3010, 46.6866,
-87.9640

■ 255.0000, 0.0000,
0.0000

■ 82.5480, 42.1278,
-72.3946

■ 166.6140, 42.0953,
-61.9285

■ 65.3820, 37.2797,
-57.3400

■ 192.9600, 30.5857,
-56.9699

■ 48.9170, 32.5789,
-42.9002

■ 218.6650, 17.9132,
-52.3262

■ 33.7400, 27.7362,
-29.5900

■ 235.2660, 9.7289,
-40.5753

■ 18.6770, 23.3302,
-16.3797

■ 244.2360, 5.3067,
-22.1320

■ 6.6630, 17.9141,
-5.8435

■ 253.5050, 0.7370,

■ 3.0950, 9.3202,

-3.0739

-2.7143

■ 0.0000, 0.0000,
0.0000

■ 100.3010, 46.6866,
-87.9640

■ 109.5040, 42.1495,
-79.3720

■ 119.0060, 37.4650,
-70.1653

■ 129.0950, 32.4912,
-61.4733

■ 138.2980, 27.9541,
-52.8813

■ 147.8000, 23.2696,
-43.6746

■ 157.0030, 18.7325,
-35.0826

■ 166.2060, 14.1954,
-26.4907

■ 176.2950, 9.2216,
-17.7987

■ 185.7970, 4.5371,
-8.5920

Harmonies

Analogous

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



102.5860, 37.6721, -89.9679



100.3010, 46.6866, -87.9640



125.2070, 32.9289, -15.0905

Triad

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



100.3010, 46.6866, -87.9640



126.2030, -10.9461, 57.7040



115.0030, -18.2425, -28.9436

Complementary

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



100.3010, 46.6866, -87.9640



94.6990, -46.6866, 87.9640

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.



120.3570, -31.7280, 3.1949



100.3010, 46.6866, -87.9640



124.6630, -25.4699, 49.4075

Square

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



100.3010, 46.6866, -87.9640



128.2140, 5.8105, 49.8013



122.9520, -33.9933, 29.8601



96.7090, 7.5385, -84.8138

Rectangle

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



100.3010, 46.6866, -87.9640



129.0210, 25.1326, 12.2596



122.9520, -33.9933, 29.8601



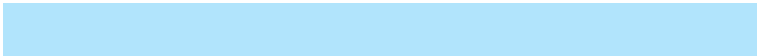
116.7010, -23.5166, -17.2778

Sweetspot

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



100.3010, 46.6866, -87.9640



215.4870, 18.0009, -33.7531



121.5330, -29.3498, -106.5844



105.4410, 11.1216, -20.5578



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



100.3010, 46.6866, -87.9640



129.6920, 60.2978, -113.7399



43.3620, 74.7575, -38.0285



92.2490, 2.3422, -4.6034



82.9240, 38.4915, -72.7243



17.2630, 7.7583, -15.1397

Inverse Universe

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



73.4670, 29.3498, 106.5844



94.9560, 37.9827, 137.7276



151.6380, -74.7575, 38.0285



90.7880, 1.5835, 5.4479



60.6790, 24.3153, 87.9815



12.4890, 5.1819, 17.9881

Previews

White Background



This preview shows how the YUV color 100.3010, 46.6866, -87.9640 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 100.3010, 46.6866, -87.9640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

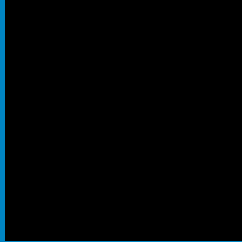
Any Text WCAG AA ✓ Pass

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 100.3010, 46.6866, -87.9640 Background



This preview shows how black text looks on a background with the YUV color 100.3010, 46.6866, -87.9640.



This preview shows how white text looks on a background with the YUV color 100.3010, 46.6866, -87.9640.

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

124.2020, 30.4664, -18.5942

Deuteranopia

121.5470, 37.1983, -31.1747

Tritanopia

98.5790, 24.8576, -86.4538

Trichromacy



Protanomaly

115.8290, 36.0733, -43.7000

Deuteranomaly

113.9250, 40.4630, -51.6772

Tritanomaly

99.3430, 32.8619, -87.1238

Monochromacy



Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.2700, 17.1219, -31.8088

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.3010, 46.6866, -87.9640 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, 133, 195)` looks like.

```
.text, #text, p{  
    color:rgb(0, 133, 195)  
}
```

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, 133, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 133, 195) }
```

Border

The CSS property to change the border of an element to YUV 100.3010, 46.6866, -87.9640 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, 133, 195) }
```

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

```
.border{ border-color:rgb(0, 133, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 133, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 133, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 133, 195);  
box-shadow:4px 4px 4px 4px rgb(0, 133,  
195) }
```


Background

The CSS property to change the background color of an element to YUV 100.3010, 46.6866, -87.9640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 133, 195) }
```

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

```
.background{ background-color: rgb(0, 133,  
195) }
```

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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