

Converting Colors

YUV(94.4310, 49.5805,
-82.8160)

Have a look what the booklet for
YUV(94.4310, 49.5805, -82.8160)
contains.

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Color

**YUV(94.4310, 49.5805,
-82.8160)**

Conversions

Conversions Part 1

Format	Color
Hex	007BC3
RGB	0, 123, 195
RGB Percent	0%, 48%, 76%
CMY	1.0000, 0.5176, 0.2353
CMYK	1.00, 0.37, 0.00, 0.24
HSL	202°, 100%, 38%
HSV	202°, 100%, 76%
XYZ	16.9333, 18.1060, 54.2321
YIQ	94.4310, -96.4200, -3.6840

Conversions

Conversions Part 2

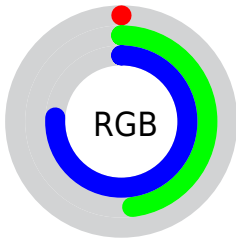
Format	Color
RYB	0, 75, 195
Decimal	31683
CIELab	49.62, -1.52, -45.39
CIELCh	50, 45.416, 268.082
Yxy	18.1060, 0.1897, 0.2028
Android (android.graphics.Color)	4278221763 (0xFF007BC3)
YUV	94.4310, 49.5805, -82.8160
Hunter-Lab	42.5512, -3.4304, -45.7801

Details

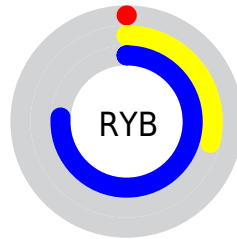
The YUV color **94.4310, 49.5805, -82.8160** is a dark color, and the websafe version is hex **006699**. The color can be described as dark washed azure. A complement of this color would be **100.5690, -49.5805, 82.8160**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.1570, 45.2786, -56.2657**, and **60.0990, 39.8842, -52.7068** is the 20% darker color. If you saturate the color by 10%, you get **94.4310, 49.5805, -82.8160**, and if you desaturate by 10%, it is **104.2210, 44.7540, -74.7388**.

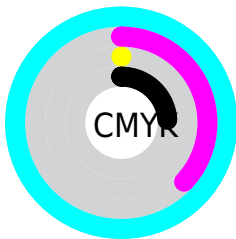
Distribution



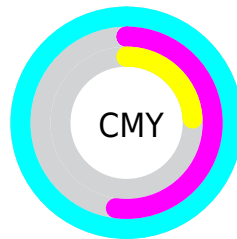
- Red (0%)
- Green (48%)
- Blue (76%)



- Red (0%)
- Yellow (29%)
- Blue (76%)



- Cyan (100%)
- Magenta (37%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (52%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.4310, 49.5805, -82.8160 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 94.4310, 49.5805, -82.8160 by changing the saturation by 10% instead.

■ 94.4310, 49.5805,
-82.8160

■ 94.4310, 49.5805,
-82.8160

■ 255.0000, 0.0000,
0.0000

■ 76.6780, 45.0217,
-67.2466

■ 160.1570, 45.2786,
-56.2657

■ 60.0990, 39.8842,
-52.7068

■ 185.9160, 34.0584,
-50.7923

■ 44.2210, 34.8940,
-38.7818

■ 211.3220, 21.5333,
-46.7634

■ 29.0440, 30.0513,
-25.4716

■ 234.9670, 9.8763,
-41.1901

■ 11.6330, 26.8029,
-10.2021

■ 244.2360, 5.3067,
-22.1320

■ 6.6630, 17.9141,
-5.8435

■ 253.2060, 0.8844,

■ 2.9810, 8.8834,

-3.6887

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 94.4310, 49.5805,
-82.8160

■ 104.2210, 44.7540,
-74.7388

■ 114.3100, 39.7802,
-66.0469

■ 124.9860, 34.5169,
-57.8697

■ 134.7760, 29.6904,
-49.7926

■ 144.8650, 24.7166,
-41.1006

■ 154.6550, 19.8901,
-33.0234

■ 164.4450, 15.0636,
-24.9463

■ 175.1210, 9.8003,
-16.7691

■ 185.2100, 4.8265,
-8.0772

Harmonies

Analogous

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



98.3460, 41.7344, -86.2494



94.4310, 49.5805, -82.8160



119.5720, 32.7490, -4.0096

Triad

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



94.4310, 49.5805, -82.8160



116.5580, -16.0511, 61.7776



101.8700, -13.2469, -44.6130

Complementary

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



94.4310, 49.5805, -82.8160



100.5690, -49.5805, 82.8160

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.



109.8890, -31.9903, -6.0417



94.4310, 49.5805, -82.8160



116.4580, -31.2848, 47.8333

Square

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



94.4310, 49.5805, -82.8160



118.2430, 1.8522, 59.4229



113.7680, -38.3396, 23.8825



93.4150, 10.1484, -81.9250

Rectangle

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



94.4310, 49.5805, -82.8160



121.7560, 23.7843, 24.7700



113.7680, -38.3396, 23.8825



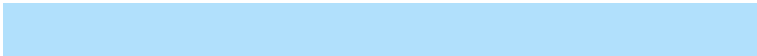
106.0090, -20.7104, -30.7029

Sweetspot

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



94.4310, 49.5805, -82.8160



213.1390, 19.1585, -31.6939



122.6730, -24.9818, -107.5842



104.2670, 11.7004, -19.5282



0.0000, 0.0000, 0.0000



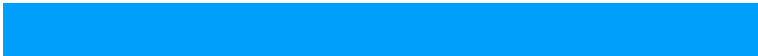
128.0000, 0.0000, 0.0000

Same Dimension

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



94.4310, 49.5805, -82.8160



122.0610, 64.0599, -107.0475



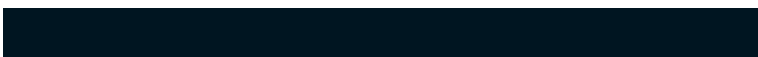
37.4920, 77.6514, -32.8805



91.6620, 2.6316, -4.0886



77.6410, 41.0960, -68.0912



16.0890, 8.3371, -14.1101

Inverse Universe

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



72.3270, 24.9818, 107.5842



93.4740, 32.3043, 139.0273



157.5080, -77.6514, 32.8805



90.6740, 1.1467, 5.5479



59.6530, 20.3841, 88.8813



12.2610, 4.3083, 18.1881

Previews

White Background



This preview shows how the YUV color 94.4310, 49.5805, -82.8160 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 × Fail

Black Background



This preview shows how the YUV color 94.4310, 49.5805, -82.8160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

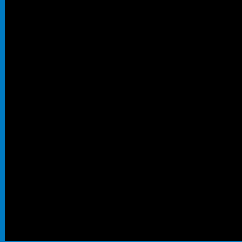
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 94.4310, 49.5805, -82.8160

Background



This preview shows how black text looks on a background with the YUV color 94.4310, 49.5805, -82.8160.



This preview shows how white text looks on a background with the YUV color 94.4310, 49.5805, -82.8160.

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

115.8470, 35.5714, -22.6678

Deuteranopia

111.0450, 41.8828, -40.3815

Tritanopia

92.8570, 23.2415, -81.4356

Trichromacy



Protanomaly

108.0830, 40.8781, -44.7998

Deuteranomaly

105.0430, 44.8418, -56.1657

Tritanomaly

93.3760, 32.8456, -81.8908

Monochromacy



Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.5090, 17.9901, -30.2644

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.4310, 49.5805, -82.8160 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, 123, 195)` looks like.

```
.text, #text, p{  
    color:rgb(0, 123, 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, 123, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 123, 195) }
```

Border

The CSS property to change the border of an element to YUV 94.4310, 49.5805, -82.8160 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, 123, 195) }
```

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

```
.border{ border-color:rgb(0, 123, 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, 123, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 123, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 123, 195);  
box-shadow:4px 4px 4px 4px rgb(0, 123,  
195) }
```


Background

The CSS property to change the background color of an element to YUV 94.4310, 49.5805, -82.8160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 123, 195) }
```

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

```
.background{ background-color: rgb(0, 123,  
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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