

Converting Colors

YUV(93.9460, 35.0296,
-82.3906)

Have a look what the booklet for
YUV(93.9460, 35.0296, -82.3906)
contains.

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Color

**YUV(93.9460, 35.0296,
-82.3906)**

Conversions

Conversions Part 1

Format	Color
Hex	0080A5
RGB	0, 128, 165
RGB Percent	0%, 50%, 65%
CMY	1.0000, 0.4980, 0.3529
CMYK	1.00, 0.22, 0.00, 0.35
HSL	193°, 100%, 32%
HSV	193°, 100%, 65%
XYZ	14.5107, 18.1550, 38.3368
YIQ	93.9460, -88.1650, -15.6290

Conversions

Conversions Part 2

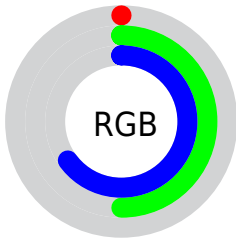
Format	Color
RYB	0, 72, 165
Decimal	32933
CIELab	49.68, -15.89, -27.98
CIELCh	50, 32.175, 240.410
Yxy	18.1550, 0.2044, 0.2557
Android (android.graphics.Color)	4278223013 (0xFF0080A5)
YUV	93.9460, 35.0296, -82.3906
Hunter-Lab	42.6086, -13.7755, -23.5197

Details

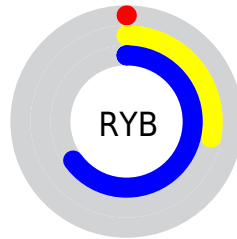
The YUV color **93.9460, 35.0296, -82.3906** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **71.0540, -35.0296, 82.3906**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.9380, 30.5966, -60.4586**, and **59.2550, 26.4963, -51.9666** is the 20% darker color. If you saturate the color by 10%, you get **93.9460, 35.0296, -82.3906**, and if you desaturate by 10%, it is **101.0780, 31.5135, -74.6134**.

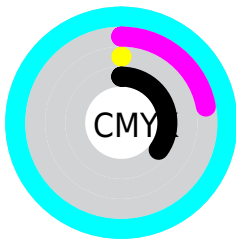
Distribution



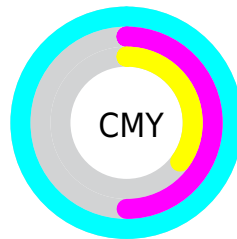
- Red (0%)
- Green (50%)
- Blue (65%)



- Red (0%)
- Yellow (28%)
- Blue (65%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (35%)



- Cyan (100%)
- Magenta (50%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.9460, 35.0296, -82.3906 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 93.9460, 35.0296, -82.3906 by changing the saturation by 10% instead.

■ 93.9460, 35.0296,
-82.3906

■ 93.9460, 35.0296,
-82.3906

■ 255.0000, 0.0000,
0.0000

■ 76.3070, 30.9076,
-66.9212

■ 157.9380, 30.5966,
-60.4586

■ 59.2550, 26.4963,
-51.9666

■ 186.3620, 30.8805,
-58.1995

■ 42.9040, 22.2323,
-37.6268

■ 212.7400, 20.8342,
-55.9000

■ 27.3680, 18.5526,
-24.0017

■ 232.2760, 11.2029,
-46.7231

■ 6.6630, 17.9141,
-5.8435

■ 240.9470, 6.9281,
-28.8945

■ 2.9810, 8.8834,
-2.6143

■ 249.9170, 2.5059,

■ 0.0000, 0.0000,

-10.4512

0.0000

■ 93.9460, 35.0296,
-82.3906

■ 101.0780, 31.5135,
-74.6134

■ 107.9220, 28.1395,
-65.7066

■ 115.3530, 24.4760,
-57.3146

■ 122.4850, 20.9599,
-49.5373

■ 129.6170, 17.4438,
-41.7601

■ 136.4610, 14.0697,
-32.8533

■ 143.5930, 10.5537,
-25.0761

■ 151.0240, 6.8902,
-16.6840

■ 157.5690, 3.6635,
-8.3920

Harmonies

Analogous

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



94.0140, 25.1361, -82.4503



93.9460, 35.0296, -82.3906



113.3590, 28.9100, -32.7638

Triad

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



93.9460, 35.0296, -82.3906



120.4490, -0.7144, 42.5792



113.3480, -21.3706, -5.5672

Complementary

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



93.9460, 35.0296, -82.3906



71.0540, -35.0296, 82.3906

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.



116.2260, -26.2404, 16.4648



93.9460, 35.0296, -82.3906



119.1320, -13.3761, 43.7342

Square

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



93.9460, 35.0296, -82.3906



121.6780, 11.9907, 27.4694



117.8460, -23.0951, 34.3381



108.3970, -9.0697, -31.0432

Rectangle

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



93.9460, 35.0296, -82.3906



118.4760, 24.9083, -9.1875



117.8460, -23.0951, 34.3381



114.1210, -23.7237, 2.5249

Sweetspot

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



93.9460, 35.0296, -82.3906



186.6460, 13.4855, -32.1385



100.9590, -32.0248, -88.5410



90.3550, 8.2060, -18.7283



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



93.9460, 35.0296, -82.3906



121.8380, 45.4359, -106.8519



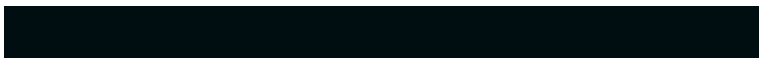
46.3990, 58.4703, -40.6919



78.1350, 1.9054, -4.5034



82.8610, 30.6345, -72.6691



10.2700, 3.8109, -9.0068

Inverse Universe

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



63.9270, 31.5880, 88.6410



82.9100, 40.9634, 114.9659



118.6010, -58.4703, 40.6919



76.4890, 1.7309, 4.8331



56.2370, 27.9842, 77.8452



6.9780, 3.4618, 9.6663

Previews

White Background



This preview shows how the YUV color 93.9460, 35.0296, -82.3906 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 93.9460, 35.0296, -82.3906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

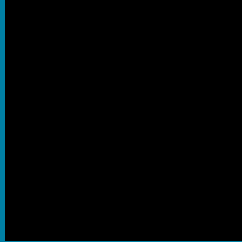
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 93.9460, 35.0296, -82.3906

Background



This preview shows how black text looks on a background with the YUV color 93.9460, 35.0296, -82.3906.

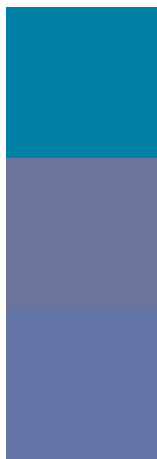


This preview shows how white text looks on a background with the YUV color 93.9460, 35.0296, -82.3906.

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

93.9460, 35.0296, -82.3906

Protanopia

117.8690, 18.7986, -9.5321

Deuteranopia

117.4320, 24.9300, -16.1649



Tritanopia

92.9710, 23.6783, -81.5356

Trichromacy



Original Color

93.9460, 35.0296, -82.3906

Protanomaly

108.8980, 24.7003, -35.8675

Deuteranomaly

108.9020, 28.6423, -40.2561

Tritanomaly

93.4100, 27.8989, -81.9206

Monochromacy



Original Color

93.9460, 35.0296, -82.3906

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.8420, 12.8959, -29.6794

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.9460, 35.0296, -82.3906 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, 128, 165)` looks like.

```
.text, #text, p{  
    color:rgb(0, 128, 165)  
}
```

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, 128, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 128, 165) }
```

Border

The CSS property to change the border of an element to YUV 93.9460, 35.0296, -82.3906 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, 128, 165) }
```


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

```
.border{ border-color:rgb(0, 128, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 128, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 128, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 128, 165);  
box-shadow:4px 4px 4px 4px rgb(0, 128,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 93.9460, 35.0296, -82.3906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 128, 165) }
```

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

```
.background{ background-color: rgb(0, 128,  
165) }
```

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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