

Converting Colors

YUV(95.1030, 36.9242,
-83.4053)

Have a look what the booklet for
YUV(95.1030, 36.9242, -83.4053)
contains.

YUV(95.1030, 36.9242, -83.4053)	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(95.1030, 36.9242,
-83.4053)**

Conversions

Conversions Part 1

Format	Color
Hex	0081AA
RGB	0, 129, 170
RGB Percent	0%, 51%, 67%
CMY	1.0000, 0.4941, 0.3333
CMYK	1.00, 0.24, 0.00, 0.33
HSL	194°, 100%, 33%
HSV	194°, 100%, 67%
XYZ	15.1060, 18.6028, 40.8247
YIQ	95.1030, -90.0450, -14.5970

Conversions

Conversions Part 2

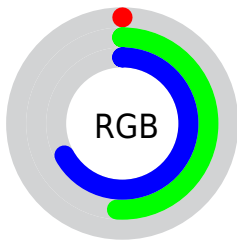
Format	Color
RYB	0, 73, 170
Decimal	33194
CIELab	50.22, -14.59, -30.05
CIELCh	50, 33.402, 244.097
Yxy	18.6028, 0.2027, 0.2496
Android (android.graphics.Color)	4278223274 (0xFF0081AA)
YUV	95.1030, 36.9242, -83.4053
Hunter-Lab	43.1310, -12.9623, -25.9281

Details

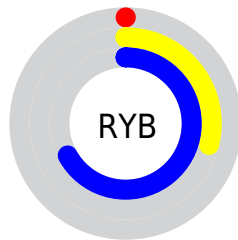
The YUV color **95.1030, 36.9242, -83.4053** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **74.8970, -36.9242, 83.4053**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.3940, 32.3438, -60.8585**, and **60.4120, 28.3909, -52.9813** is the 20% darker color. If you saturate the color by 10%, you get **95.1030, 36.9242, -83.4053**, and if you desaturate by 10%, it is **102.5340, 33.2607, -75.0133**.

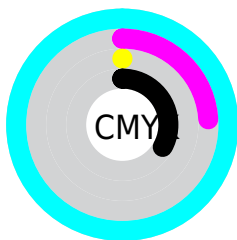
Distribution



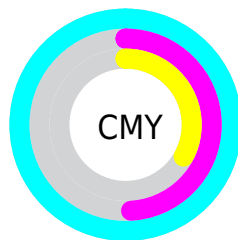
- Red (0%)
- Green (51%)
- Blue (67%)



- Red (0%)
- Yellow (29%)
- Blue (67%)



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (33%)



- Cyan (100%)
- Magenta (49%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.1030, 36.9242, -83.4053 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 95.1030, 36.9242, -83.4053 by changing the saturation by 10% instead.

■ 95.1030, 36.9242,
-83.4053

■ 95.1030, 36.9242,
-83.4053

■ 255.0000, 0.0000,
0.0000

■ 77.3500, 32.3655,
-67.8359

■ 159.3940, 32.3438,
-60.8585

■ 60.4120, 28.3909,
-52.9813

■ 187.8180, 32.6277,
-58.5994

■ 44.0610, 24.1269,
-38.6415

■ 213.9250, 20.2500,
-55.1852

■ 28.4110, 20.0104,
-24.9164

■ 232.5750, 11.0555,
-46.1083

■ 8.2930, 19.0826,
-7.2730

■ 241.5450, 6.6333,
-27.6650

■ 3.4370, 10.6306,
-3.0142

■ 250.5150, 2.2111,

■ 0.0000, 0.0000,

-9.2217

0.0000

■ 95.1030, 36.9242,
-83.4053

■ 102.5340, 33.2607,
-75.0133

■ 109.9650, 29.5973,
-66.6213

■ 117.3960, 25.9338,
-58.2293

■ 124.8270, 22.2703,
-49.8373

■ 132.2580, 18.6068,
-41.4453

■ 140.2760, 14.6539,
-33.5681

■ 147.7070, 10.9904,
-25.1760

■ 155.1380, 7.3270,
-16.7840

■ 162.5690, 3.6635,
-8.3920

Harmonies

Analogous

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



95.1710, 27.0307, -83.4650



95.1030, 36.9242, -83.4053



115.6090, 29.7728, -29.4751

Triad

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



95.1030, 36.9242, -83.4053



122.0040, -2.4670, 44.7235



113.7390, -21.0703, -8.5411

Complementary

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



95.1030, 36.9242, -83.4053



74.8970, -36.9242, 83.4053

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.



116.9870, -27.1086, 14.9204



95.1030, 36.9242, -83.4053



120.2740, -15.4181, 45.3637

Square

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



95.1030, 36.9242, -83.4053



123.0590, 10.8169, 30.6433



118.7920, -24.5475, 33.5084



108.5320, -7.1643, -35.5466

Rectangle

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



95.1030, 36.9242, -83.4053



120.4980, 24.8975, -5.6987



118.7920, -24.5475, 33.5084



114.9850, -24.1496, -0.8638

Sweetspot

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



95.1030, 36.9242, -83.4053



192.5750, 14.5065, -32.9533



104.3500, -31.7245, -91.5149



94.1700, 8.7902, -19.4431



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



95.1030, 36.9242, -83.4053



123.9240, 48.3515, -108.6813



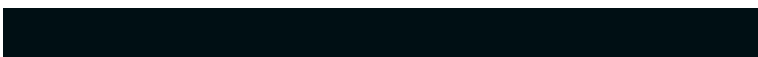
45.7950, 61.2331, -40.1622



80.4340, 1.7580, -3.8886



82.6160, 32.2343, -72.4542



11.0850, 4.3951, -9.7215

Inverse Universe

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



65.5360, 31.2878, 91.6149



85.5300, 40.6577, 119.6842



124.2050, -61.2331, 40.1622



79.0760, 1.4415, 4.3183



57.0200, 27.1051, 79.7895



7.6900, 3.6038, 10.7959

Previews

White Background



This preview shows how the YUV color 95.1030, 36.9242, -83.4053 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 95.1030, 36.9242, -83.4053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

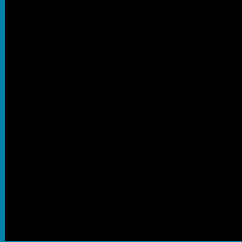
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 95.1030, 36.9242, -83.4053

Background



This preview shows how black text looks on a background with the YUV color 95.1030, 36.9242, -83.4053.

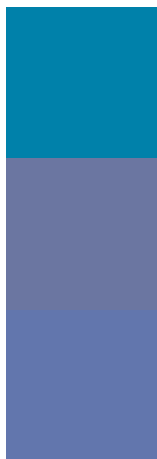


This preview shows how white text looks on a background with the YUV color 95.1030, 36.9242, -83.4053.

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

95.1030, 36.9242, -83.4053

Protanopia

119.6130, 20.4038, -11.0616

Deuteranopia

118.2900, 26.9720, -17.7943



Tritanopia

93.7860, 24.2625, -82.2503

Trichromacy



Original Color

95.1030, 36.9242, -83.4053

Protanomaly

110.6420, 26.3055, -37.3970

Deuteranomaly

109.7600, 30.6843, -41.8855

Tritanomaly

94.3390, 28.9199, -82.7353

Monochromacy



Original Color

95.1030, 36.9242, -83.4053

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.6570, 13.4801, -30.3942

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.1030, 36.9242, -83.4053 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, 129, 170)` looks like.

```
.text, #text, p{  
    color:rgb(0, 129, 170)  
}
```

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, 129, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 129, 170) }
```

Border

The CSS property to change the border of an element to YUV 95.1030, 36.9242, -83.4053 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, 129, 170) }
```


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

```
.border{ border-color:rgb(0, 129, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 129, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 129, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 129, 170);  
box-shadow:4px 4px 4px 4px rgb(0, 129,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 95.1030, 36.9242, -83.4053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 129, 170) }
```

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

```
.background{ background-color: rgb(0, 129,  
170) }
```

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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