

Converting Colors

YUV(93.4750, 29.3458,
-79.3466)

Have a look what the booklet for
YUV(93.4750, 29.3458, -79.3466)
contains.

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Color

**YUV(93.4750, 29.3458,
-79.3466)**

Conversions

Conversions Part 1

Format	Color
Hex	038099
RGB	3, 128, 153
RGB Percent	1%, 50%, 60%
CMY	0.9882, 0.4980, 0.4000
CMYK	0.98, 0.16, 0.00, 0.40
HSL	190°, 96%, 31%
HSV	190°, 98%, 60%
XYZ	13.5065, 17.7576, 32.8527
YIQ	93.4750, -82.5250, -18.7250

Conversions

Conversions Part 2

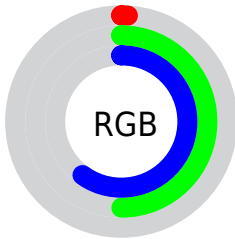
Format	Color
RYB	3, 71, 153
Decimal	229529
CIELab	49.20, -20.12, -21.73
CIELCh	49, 29.612, 227.201
Yxy	17.7576, 0.2107, 0.2770
Android (android.graphics.Color)	4278419609 (0xFF038099)
YUV	93.4750, 29.3458, -79.3466
Hunter-Lab	42.1398, -16.5324, -16.7254

Details

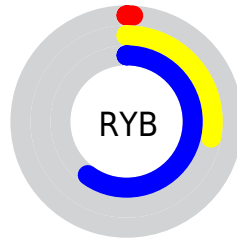
The YUV color **93.4750, 29.3458, -79.3466** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **62.5250, -29.3458, 79.3466**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.8580, 25.2130, -60.3885**, and **58.0010, 21.6915, -50.8669** is the 20% darker color. If you saturate the color by 10%, you get **91.9910, 30.0774, -80.6761**, and if you desaturate by 10%, it is **99.7210, 26.2665, -71.6693**.

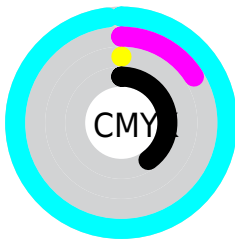
Distribution



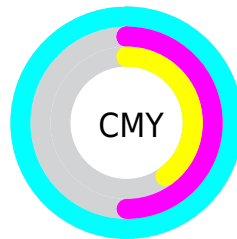
- Red (1%)
- Green (50%)
- Blue (60%)



- Red (1%)
- Yellow (28%)
- Blue (60%)



- Cyan (98%)
- Magenta (16%)
- Yellow (0%)
- Black (40%)



- Cyan (99%)
- Magenta (50%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.4750, 29.3458, -79.3466 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 93.4750, 29.3458, -79.3466 by changing the saturation by 10% instead.

93.4750, 29.3458,
-79.3466

93.4750, 29.3458,
-79.3466

255.0000, 0.0000,
0.0000

74.9390, 25.6661,
-65.7215

155.8580, 25.2130,
-60.3885

58.0010, 21.6915,
-50.8669

184.5700, 25.3550,
-59.2589

41.1770, 18.1537,
-36.1122

212.1420, 21.1290,
-57.1295

26.2280, 14.1846,
-23.0020

231.3790, 11.6452,
-48.5674

5.0500, 14.2723,
-4.4289

240.0500, 7.3704,
-30.7388

0.9120, 3.4944,
-0.7998

249.0200, 2.9481,

0.0000, 0.0000,

-12.2955

0.0000

■ 93.4750, 29.3458,
-79.3466

■ 93.4750, 29.3458,
-79.3466

■ 91.9910, 30.0774,
-80.6761

■ 99.7210, 26.2665,
-71.6693

■ 105.6790, 23.3293,
-62.8625

■ 111.9250, 20.2500,
-55.1852

■ 117.5840, 17.4601,
-46.9932

■ 123.8300, 14.3808,
-39.3159

■ 129.7880, 11.4435,
-30.5091

■ 136.0340, 8.3642,
-22.8318

■ 141.6930, 5.5744,
-14.6398

■ 148.2380, 2.3477,
-6.3477

Harmonies

Analogous

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



95.1310, 17.6834, -72.0289



93.4750, 29.3458, -79.3466



108.9510, 27.6322, -42.9300

Triad

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



93.4750, 29.3458, -79.3466



119.7730, 4.5489, 34.4021



113.7730, -22.5661, 4.5841

Complementary

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



93.4750, 29.3458, -79.3466



62.5250, -29.3458, 79.3466

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.



116.2530, -23.7887, 23.4571



93.4750, 29.3458, -79.3466



118.9020, -7.8397, 41.3049

Square

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



93.4750, 29.3458, -79.3466



120.1110, 15.2283, 15.6887



117.5350, -18.0118, 37.2418



110.2200, -13.9125, -17.7329

Rectangle

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



93.4750, 29.3458, -79.3466



114.5130, 25.3831, -21.4979



117.5350, -18.0118, 37.2418



114.1760, -23.7508, 11.2466

Sweetspot

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



93.4750, 29.3458, -79.3466



175.7880, 11.4435, -30.5091



93.9000, -32.4887, -79.7193



85.8990, 6.4588, -18.3284



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



93.4750, 29.3458, -79.3466



120.1280, 38.8839, -105.3523



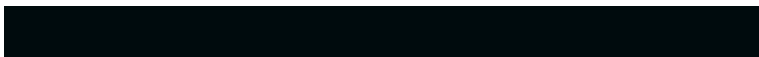
49.4500, 51.0502, -40.7366



73.4340, 1.7580, -3.8886



84.6390, 27.2930, -74.2284



7.9390, 2.4951, -6.9625

Inverse Universe

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



62.1000, 32.4887, 79.7193



78.4250, 43.1745, 105.7443



106.5500, -51.0501, 40.7367



72.0760, 1.4415, 4.3183



55.1980, 30.4684, 74.3714



5.1410, 2.8885, 6.8923

Previews

White Background



This preview shows how the YUV color 93.4750, 29.3458, -79.3466 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 93.4750, 29.3458, -79.3466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

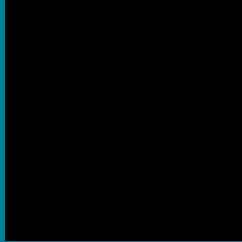
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 93.4750, 29.3458, -79.3466

Background



This preview shows how black text looks on a background with the YUV color 93.4750, 29.3458, -79.3466.



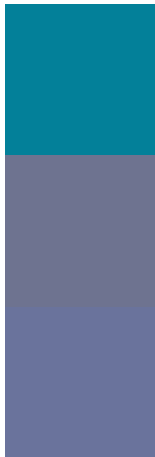
This preview shows how white text looks on a background with the YUV color 93.4750, 29.3458, -79.3466.

-79.3466.

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

93.4750, 29.3458, -79.3466

Protanopia

116.8110, 13.4042, -5.9732

Deuteranopia

116.9830, 19.2354, -9.6321



Tritanopia

92.2700, 23.5309, -80.9208

Trichromacy



Original Color

93.4750, 29.3458, -79.3466

Protanomaly

108.4270, 19.0165, -32.8235

Deuteranomaly

108.7410, 22.8057, -34.8529

Tritanomaly

92.5520, 25.8569, -80.2911

Monochromacy



Original Color

93.4750, 29.3458, -79.3466

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

93.2720, 10.7119, -29.1795

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.4750, 29.3458, -79.3466 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(3, 128, 153)` looks like.

```
.text, #text, p{  
    color:rgb(3, 128, 153)  
}
```

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(3, 128, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 128, 153) }
```

Border

The CSS property to change the border of an element to YUV 93.4750, 29.3458, -79.3466 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(3, 128, 153) }
```


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

```
.border{ border-color:rgb(3, 128, 153) }
```

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

Here you see how a box with a 4 pixel rgb(3, 128, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 128, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 128, 153);  
box-shadow:4px 4px 4px 4px rgb(3, 128,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 93.4750, 29.3458, -79.3466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 128, 153) }
```

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

```
.background{ background-color: rgb(3, 128,  
153) }
```

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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