

Converting Colors

YUV(82.9560, 2.9797, -69.2444)

Have a look what the booklet for
YUV(82.9560, 2.9797, -69.2444)
contains.

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Color

**YUV(82.9560, 2.9797,
-69.2444)**

Conversions

Conversions Part 1

Format	Color
Hex	047A59
RGB	4, 122, 89
RGB Percent	2%, 48%, 35%
CMY	0.9843, 0.5216, 0.6510
CMYK	0.97, 0.00, 0.27, 0.52
HSL	163°, 94%, 25%
HSV	163°, 97%, 48%
XYZ	8.8128, 14.6661, 11.8176
YIQ	82.9560, -59.7350, -35.2790

Conversions

Conversions Part 2

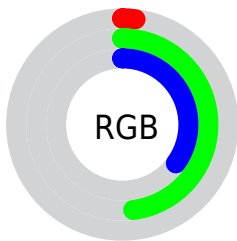
Format	Color
RYB	4, 73, 122
Decimal	293465
CIELab	45.17, -37.37, 10.07
CIELCh	45, 38.707, 164.919
Yxy	14.6661, 0.2497, 0.4155
Android (android.graphics.Color)	4278483545 (0xFF047A59)
YUV	82.9560, 2.9797, -69.2444
Hunter-Lab	38.2964, -25.9423, 8.5117

Details

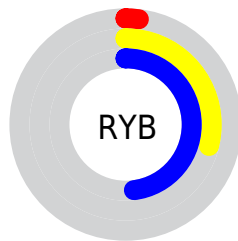
The YUV color **82.9560, 2.9797, -69.2444** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **43.0440, -2.9797, 69.2444**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.8930, -1.4262, -56.0342**, and **47.1660, -2.0538, -41.3646** is the 20% darker color. If you saturate the color by 10%, you get **81.6460, 3.1325, -71.6035**, and if you desaturate by 10%, it is **86.8860, 2.5212, -62.1670**.

Distribution



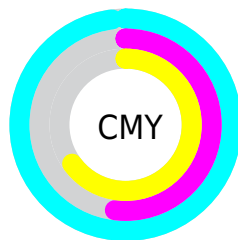
- Red (2%)
- Green (48%)
- Blue (35%)



- Red (2%)
- Yellow (29%)
- Blue (48%)



- Cyan (97%)
- Magenta (0%)
- Yellow (27%)
- Black (52%)



- Cyan (98%)
- Magenta (52%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.9560, 2.9797, -69.2444 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 82.9560, 2.9797, -69.2444 by changing the saturation by 10% instead.

82.9560, 2.9797,
-69.2444

82.9560, 2.9797,
-69.2444

255.0000, 0.0000,
0.0000

64.4630, 0.7577,
-56.5341

141.8930, -1.4262,
-56.0342

47.1660, -2.0538,
-41.3646

169.9640, -2.4473,
-55.2194

31.3850, -4.1338,
-27.5246

197.9640, -2.4473,
-55.2194

15.8490, -7.8136,
-13.8996

223.5020, -1.7265,
-53.0603

0.0000, 0.0000,
0.0000

235.4790, 6.6659,
-38.1311

244.8340, 5.0118,

-20.9024

253.5050, 0.7370,
-3.0739

82.9560, 2.9797,
-69.2444

82.9560, 2.9797,
-69.2444

81.6460, 3.1325,
-71.6035

86.8860, 2.5212,
-62.1670

90.9300, 2.4995,
-55.1896

95.1590, 1.8936,
-47.4974

99.2030, 1.8719,
-40.5200

103.1330, 1.4134,
-33.4426

■ 107.0630, 0.9549,
-26.3653

■ 111.1070, 0.9332,
-19.3878

■ 115.3360, 0.3274,
-11.6957

■ 119.3800, 0.3057,
-4.7183

Harmonies

Analogous

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



98.1180, -19.2852, -21.1515



82.9560, 2.9797, -69.2444



86.1090, 17.6943, -75.5176

Triad

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



82.9560, 2.9797, -69.2444



105.1200, 31.4928, -21.1532



106.0910, -21.2439, 47.2782

Complementary

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



82.9560, 2.9797, -69.2444



43.0440, -2.9797, 69.2444

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.



106.7940, -7.2934, 52.8007



82.9560, 2.9797, -69.2444



110.3160, 21.0432, 17.2629

Square

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



82.9560, 2.9797, -69.2444



86.7710, 40.5389, -76.0982



109.0390, 7.8688, 42.9388



104.5760, -30.3570, 30.1898

Rectangle

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



82.9560, 2.9797, -69.2444



87.9160, 27.1564, -77.1023



109.0390, 7.8688, 42.9388



106.5520, -17.0341, 50.3819

Sweetspot

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



82.9560, 2.9797, -69.2444



142.7640, 1.1023, -26.9800



83.1330, -39.0126, -40.4586



69.7160, 0.6330, -16.4139



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



82.9560, 2.9797, -69.2444



105.7420, 4.0712, -92.7357



71.4560, 24.9182, -59.1589



58.9780, 0.0108, -3.4887



83.6350, 3.1379, -73.3479



168.6720, 6.5707, -147.9253

Inverse Universe

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



43.0440, -2.9797, 69.2444



52.2580, -4.0712, 92.7357



54.5440, -24.9182, 59.1589



57.0220, -0.0108, 3.4887



41.3650, -3.1379, 73.3479



83.4420, -6.1339, 147.8254

Previews

White Background



This preview shows how the YUV color 82.9560, 2.9797, -69.2444 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 82.9560, 2.9797, -69.2444 looks on a black 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

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

YUV 82.9560, 2.9797, -69.2444

Background



This preview shows how black text looks on a background with the YUV color 82.9560, 2.9797, -69.2444.



This preview shows how white text looks on a background with the YUV color 82.9560, 2.9797, -69.2444.

-69.2444.

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

82.9560, 2.9797, -69.2444

Protanopia

105.6560, -11.6624, 7.3177

Deuteranopia

107.5410, -7.1687, 12.6805



Tritanopia

95.1170, 15.7183, -48.3376

Trichromacy



Original Color

82.9560, 2.9797, -69.2444

Protanomaly

97.5600, -6.1921, -20.6621

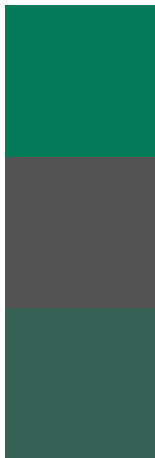
Deuteranomaly

98.6790, -3.2927, -17.2585

Tritanomaly

90.8080, 10.9407, -55.9596

Monochromacy



Original Color

82.9560, 2.9797, -69.2444

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.7750, 1.0969, -25.2357

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.9560, 2.9797, -69.2444 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(4, 122, 89)` looks like.

```
.text, #text, p{  
    color:rgb(4, 122, 89)  
}
```

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(4, 122, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 122, 89) }
```

Border

The CSS property to change the border of an element to YUV 82.9560, 2.9797, -69.2444 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(4, 122, 89) }
```


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

```
.border{ border-color:rgb(4, 122, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 122, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 122, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 122, 89);  
box-shadow:4px 4px 4px 4px rgb(4, 122, 89)  
}
```

Background

The CSS property to change the background color of an element to YUV 82.9560, 2.9797, -69.2444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 122, 89) }
```

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

```
.background{ background-color: rgb(4, 122,  
89) }
```

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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