

Converting Colors

YUV(48.9560, 9.8817, -42.9344)

Have a look what the booklet for
YUV(48.9560, 9.8817, -42.9344)
contains.

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Color

**YUV(48.9560, 9.8817,
-42.9344)**

Conversions

Conversions Part 1

Format	Color
Hex	004645
RGB	0, 70, 69
RGB Percent	0%, 27%, 27%
CMY	1.0000, 0.7255, 0.7294
CMYK	1.00, 0.00, 0.01, 0.73
HSL	179°, 100%, 14%
HSV	179°, 100%, 27%
XYZ	3.2643, 4.8100, 6.3866
YIQ	48.9560, -41.3990, -15.1510

Conversions

Conversions Part 2

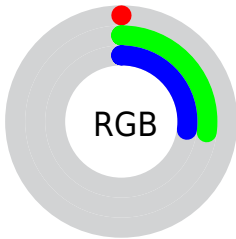
Format	Color
RYB	0, 35, 70
Decimal	17989
CIELab	26.19, -19.31, -4.97
CIELCh	26, 19.942, 194.440
Yxy	4.8100, 0.2257, 0.3326
Android (android.graphics.Color)	4278208069 (0xFF004645)
YUV	48.9560, 9.8817, -42.9344
Hunter-Lab	21.9317, -11.8123, -1.9133

Details

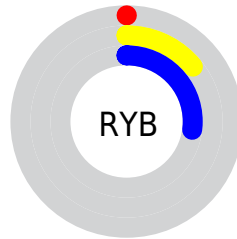
The YUV color **48.9560, 9.8817, -42.9344** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **21.0440, -9.8817, 42.9344**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.4300, 7.6760, -35.4571**, and **19.4000, 3.2538, -17.0138** is the 20% darker color. If you saturate the color by 10%, you get **48.9560, 9.8817, -42.9344**, and if you desaturate by 10%, it is **51.0490, 8.8498, -38.6310**.

Distribution



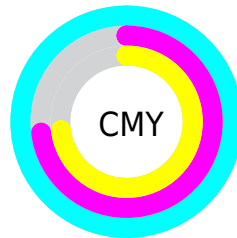
- Red (0%)
- Green (27%)
- Blue (27%)



- Red (0%)
- Yellow (14%)
- Blue (27%)



- Cyan (100%)
- Magenta (0%)
- Yellow (1%)
- Black (73%)



- Cyan (100%)
- Magenta (73%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.9560, 9.8817, -42.9344 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 48.9560, 9.8817, -42.9344 by changing the saturation by 10% instead.

■ 48.9560, 9.8817,
-42.9344

■ 48.9560, 9.8817,
-42.9344

■ 254.4020, 0.2948,
-1.2296

■ 32.9470, 6.9281,
-28.8945

■ 101.4300, 7.6760,
-35.4571

■ 19.4000, 3.2538,
-17.0138

■ 127.4300, 7.6760,
-35.4571

■ 0.0000, 0.0000,
0.0000

■ 153.4300, 7.6760,
-35.4571

■ 181.0170, 7.3866,
-35.9719

■ 208.7180, 7.5340,
-36.5867

■ 236.8320, 7.9708,

-36.6867

■ 245.4320, 4.7170,
-19.6729

■ 48.9560, 9.8817,
-42.9344

■ 51.0490, 8.8498,
-38.6310

■ 53.1420, 7.8180,
-34.3275

■ 55.2350, 6.7861,
-30.0241

■ 57.3280, 5.7543,
-25.7207

■ 59.5350, 5.1592,
-21.5172

■ 61.6280, 4.1274,
-17.2138

■ 63.7210, 3.0955,
-12.9103

■ 65.8140, 2.0637,
-8.6069

■ 67.9070, 1.0318,
-4.3034

Harmonies

Analogous

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



54.6180, -0.7977, -24.2210



48.9560, 9.8817, -42.9344



49.9650, 16.2863, -43.8193

Triad

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



48.9560, 9.8817, -42.9344



63.6880, 10.0138, 8.1666



61.4290, -14.0155, 15.4098

Complementary

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



48.9560, 9.8817, -42.9344



21.0440, -9.8817, 42.9344

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.



62.0970, -10.4008, 22.7169



48.9560, 9.8817, -42.9344



63.6310, 3.1399, 19.6176

Square

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



48.9560, 9.8817, -42.9344



61.7290, 14.4306, -8.5323



62.8290, -3.8597, 24.7060



59.7650, -13.6881, 3.7141

Rectangle

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



48.9560, 9.8817, -42.9344



52.7640, 17.8643, -36.6270



62.8290, -3.8597, 24.7060



61.9670, -13.2947, 17.5689

Sweetspot

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



48.9560, 9.8817, -42.9344



83.5140, 3.6906, -17.1138



41.3890, -20.4048, -35.4212



40.9170, 2.5059, -10.4512



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



48.9560, 9.8817, -42.9344



64.2640, 12.6878, -56.3595



29.1120, 20.1578, -25.5312



34.8040, 0.5896, -2.4591



69.2850, 14.1565, -60.7629



158.7850, 32.1510, -139.2544

Inverse Universe

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



21.0440, -9.8817, 42.9344



27.6220, -13.1246, 56.4595



40.8880, -20.1578, 25.5312



33.1960, -0.5896, 2.4591



29.7150, -14.1565, 60.7629



68.2150, -32.1510, 139.2544

Previews

White Background



This preview shows how the YUV color 48.9560, 9.8817, -42.9344 looks on a white background.

Color Contrast Check

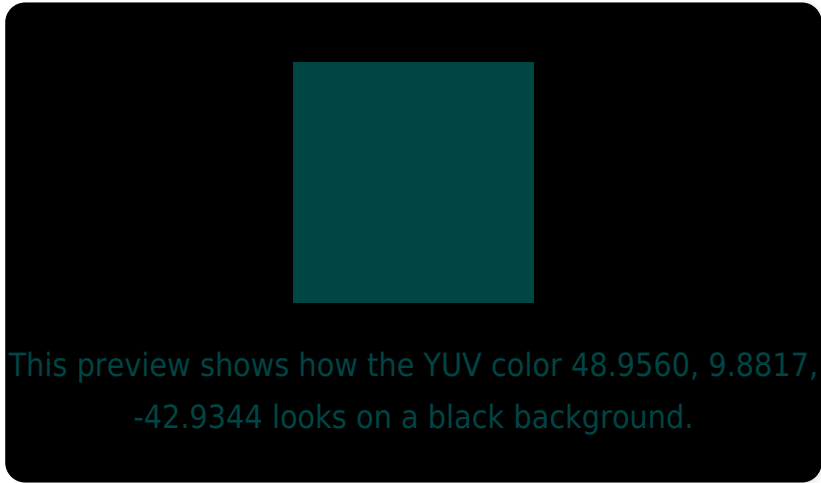
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

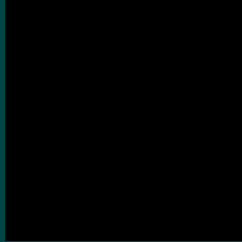
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.9560, 9.8817, -42.9344

Background



This preview shows how black text looks on a background with the YUV color 48.9560, 9.8817, -42.9344.



This preview shows how white text looks on a background with the YUV color 48.9560, 9.8817, -42.9344.

-42.9344.

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

48.9560, 9.8817, -42.9344

Protanopia

62.5270, 0.7262, 0.4148

Deuteranopia

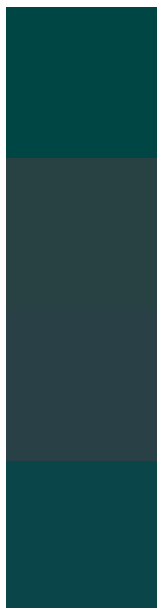
63.0370, 3.9258, 0.8446



Tritanopia

53.2390, 10.7282, -34.4126

Trichromacy



Original Color

48.9560, 9.8817, -42.9344

Protanomaly

57.6390, 4.1220, -15.4694

Deuteranomaly

57.8070, 6.0111, -14.7397

Tritanomaly

51.5160, 10.5916, -37.2865

Monochromacy



Original Color

48.9560, 9.8817, -42.9344

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

49.1120, 3.3958, -15.8842

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.9560, 9.8817, -42.9344 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, 70, 69)` looks like.

```
.text, #text, p{  
    color:rgb(0, 70, 69)  
}
```

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, 70, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 70, 69) }
```

Border

The CSS property to change the border of an element to YUV 48.9560, 9.8817, -42.9344 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, 70, 69) }
```


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

```
.border{ border-color:rgb(0, 70, 69) }
```

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

Here you see how a box with a 4 pixel rgb(0, 70, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 70, 69); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 70, 69); box-shadow:4px  
4px 4px 4px rgb(0, 70, 69) }
```

Background

The CSS property to change the background color of an element to YUV 48.9560, 9.8817, -42.9344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 70, 69) }
```

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

```
.background{ background-color: rgb(0, 70,  
69) }
```

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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