

Converting Colors

YUV(99.9700, -1.4642, -43.8237)

Have a look what the booklet for
YUV(99.9700, -1.4642, -43.8237)
contains.

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Color

**YUV(99.9700, -1.4642,
-43.8237)**

Conversions

Conversions Part 1

Format	Color
Hex	327E61
RGB	50, 126, 97
RGB Percent	20%, 49%, 38%
CMY	0.8039, 0.5059, 0.6196
CMYK	0.60, 0.00, 0.23, 0.51
HSL	157°, 43%, 35%
HSV	157°, 60%, 49%
XYZ	10.9339, 16.4629, 13.9106
YIQ	99.9700, -35.9870, -25.1310

Conversions

Conversions Part 2

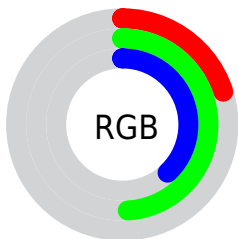
Format	Color
RYB	50, 97, 126
Decimal	3309153
CIELab	47.58, -30.86, 8.88
CIElCh	48, 32.115, 163.941
Yxy	16.4629, 0.2647, 0.3985
Android (android.graphics.Color)	4281499233 (0xFF327E61)
YUV	99.9700, -1.4642, -43.8237
Hunter-Lab	40.5745, -22.9036, 8.0750

Details

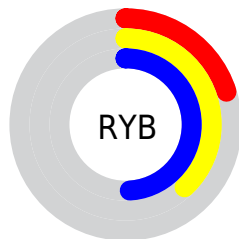
The YUV color **99.9700, -1.4642, -43.8237** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **76.0300, 1.4642, 43.8237**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.0410, -2.4852, -43.0090**, and **50.4260, 0.2830, -44.2236** is the 20% darker color. If you saturate the color by 10%, you get **95.5130, -1.7319, -51.3159**, and if you desaturate by 10%, it is **104.4270, -1.1965, -36.3315**.

Distribution



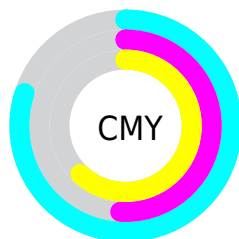
- Red (20%)
- Green (49%)
- Blue (38%)



- Red (20%)
- Yellow (38%)
- Blue (49%)



- Cyan (60%)
- Magenta (0%)
- Yellow (23%)
- Black (51%)



- Cyan (80%)
- Magenta (51%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.9700, -1.4642, -43.8237 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 99.9700, -1.4642, -43.8237 by changing the saturation by 10% instead.

■ 99.9700, -1.4642,
-43.8237

■ 99.9700, -1.4642,
-43.8237

■ 255.0000, 0.0000,
0.0000

■ 73.2900, -0.1430,
-47.6123

■ 153.0410, -2.4852,
-43.0090

■ 50.4260, 0.2830,
-44.2236

■ 180.5140, -3.2114,
-43.4238

■ 34.4170, -2.6706,
-30.1837

■ 208.2150, -3.0640,
-44.0386

■ 19.9410, -7.3659,
-17.4883

■ 231.5190, -0.7489,
-39.9202

■ 0.0000, 0.0000,
0.0000

■ 243.0400, 5.8963,
-24.5911

■ 251.7110, 1.6215,

-6.7625

■ 99.9700, -1.4642,
-43.8237

■ 99.9700, -1.4642,
-43.8237

■ 95.5130, -1.7319,
-51.3159

■ 104.4270, -1.1965,
-36.3315

■ 91.3550, -2.1470,
-58.1933

■ 108.5850, -0.7814,
-29.4540

■ 87.0120, -1.9779,
-65.7855

■ 112.9280, -0.9505,
-21.8619

■ 82.8540, -2.3930,
-72.6630

■ 117.0860, -0.5354,
-14.9844

■ 121.5430, -0.2677,
-7.4922

■ 126.0000, 0.0000,
0.0000

■ 130.1580, 0.4151,
6.8774

■ 134.5010, 0.2460,
14.4696

■ 138.6590, 0.6611,
21.3471

Harmonies

Analogous

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



105.9490, -16.2439, -16.6183



99.9700, -1.4642, -43.8237



88.7990, 17.8471, -77.8767

Triad

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



99.9700, -1.4642, -43.8237



111.7740, 26.2404, -16.4648



113.2580, -17.8752, 40.1157

Complementary

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



99.9700, -1.4642, -43.8237



76.0300, 1.4642, 43.8237

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.



114.2660, -6.5401, 44.4937



99.9700, -1.4642, -43.8237



116.0830, 17.7071, 13.9592

Square

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



99.9700, -1.4642, -43.8237



100.1990, 31.4539, -55.4255



115.9410, 6.4381, 35.1317



111.6340, -24.9626, 26.6310

Rectangle

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



99.9700, -1.4642, -43.8237



90.1500, 25.5621, -79.0615



115.9410, 6.4381, 35.1317



113.4910, -14.5391, 43.4194

Sweetspot

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



99.9700, -1.4642, -43.8237



153.0750, -0.5300, -16.7288



103.2830, -26.2685, -21.2962



75.8200, -0.4043, -10.3661



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



99.9700, -1.4642, -43.8237



122.8870, -2.4093, -67.4299



97.9930, 13.8075, -42.0899



61.5650, -0.2785, -4.0035



84.1420, -2.5350, -73.7925



0.0000, 0.0000, 0.0000

Inverse Universe

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



76.0300, 1.4642, 43.8237



86.1130, 2.4093, 67.4299



78.0070, -13.8075, 42.0899



59.4350, 0.2785, 4.0035



43.8580, 2.5350, 73.7925



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 99.9700, -1.4642, -43.8237 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 99.9700, -1.4642, -43.8237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

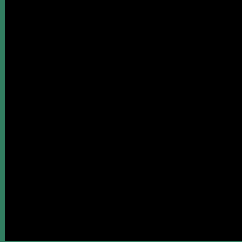
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.9700, -1.4642, -43.8237

Background



This preview shows how black text looks on a background with the YUV color 99.9700, -1.4642, -43.8237.



This preview shows how white text looks on a background with the YUV color 99.9700, -1.4642,

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

99.9700, -1.4642, -43.8237

Protanopia

111.5850, -10.6414, 6.5030

Deuteranopia

112.8830, -5.8583, 12.3806



Tritanopia

104.4990, 13.0650, -37.2716

Trichromacy



Original Color

99.9700, -1.4642, -43.8237

Protanomaly

107.3870, -7.0928, -11.7404

Deuteranomaly

108.5060, -4.1935, -8.3368

Tritanomaly

103.1090, 7.8343, -39.5606

Monochromacy



Original Color

99.9700, -1.4642, -43.8237

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

99.7870, -0.3880, -15.5992

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.9700, -1.4642, -43.8237 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(50, 126, 97)` looks like.

```
.text, #text, p{  
    color:rgb(50, 126, 97)  
}
```

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(50, 126, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 126, 97) }
```

Border

The CSS property to change the border of an element to YUV 99.9700, -1.4642, -43.8237 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(50, 126, 97) }
```


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

```
.border{ border-color:rgb(50, 126, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 126, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 126, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 126, 97);  
box-shadow:4px 4px 4px 4px rgb(50, 126,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 99.9700, -1.4642, -43.8237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 126, 97) }
```

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

```
.background{ background-color: rgb(50, 126,  
97) }
```

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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