

Converting Colors

YUV(123.3930, 0.2993,
-49.4567)

Have a look what the booklet for
YUV(123.3930, 0.2993, -49.4567)
contains.

YUV(123.3930, 0.2993, -49.4567)	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(123.3930, 0.2993,
-49.4567)**

Conversions

Conversions Part 1

Format	Color
Hex	43987C
RGB	67, 152, 124
RGB Percent	26%, 60%, 49%
CMY	0.7373, 0.4039, 0.5137
CMYK	0.56, 0.00, 0.18, 0.40
HSL	160°, 39%, 43%
HSV	160°, 56%, 60%
XYZ	17.1811, 25.1050, 23.0090
YIQ	123.3930, -41.6720, -26.7280

Conversions

Conversions Part 2

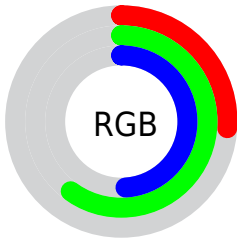
Format	Color
RYB	67, 118, 152
Decimal	4429948
CIELab	57.18, -32.71, 7.04
CIElCh	57, 33.460, 167.852
Yxy	25.1050, 0.2631, 0.3845
Android (android.graphics.Color)	4282620028 (0xFF43987C)
YUV	123.3930, 0.2993, -49.4567
Hunter-Lab	50.1049, -26.4756, 7.8465

Details

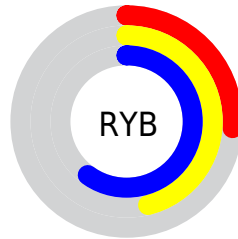
The YUV color **123.3930, 0.2993, -49.4567** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **95.6070, -0.2993, 49.4567**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.1650, -0.5743, -49.2567**, and **67.2500, 3.8207, -58.9783** is the 20% darker color. If you saturate the color by 10%, you get **118.3380, 0.3264, -58.1784**, and if you desaturate by 10%, it is **128.4480, 0.2721, -40.7349**.

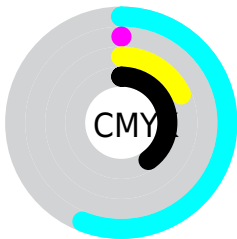
Distribution



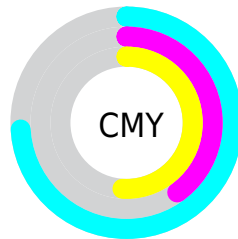
- Red (26%)
- Green (60%)
- Blue (49%)



- Red (26%)
- Yellow (46%)
- Blue (60%)



- Cyan (56%)
- Magenta (0%)
- Yellow (18%)
- Black (40%)



- Cyan (74%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.3930, 0.2993, -49.4567 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 123.3930, 0.2993, -49.4567 by changing the saturation by 10% instead.

■ 123.3930, 0.2993,
-49.4567

■ 123.3930, 0.2993,
-49.4567

■ 255.0000, 0.0000,
0.0000

■ 96.3110, 1.3257,
-52.0157

■ 178.1650, -0.5743,
-49.2567

■ 67.2500, 3.8207,
-58.9783

■ 206.0510, -1.0111,
-49.1567

■ 50.6540, 1.1566,
-44.4236

■ 229.3550, 1.3040,
-45.0383

■ 34.0580, -1.5076,
-29.8689

■ 240.3490, 7.2229,
-30.1241

■ 20.2830, -6.0555,
-17.7882

■ 249.0200, 2.9481,
-12.2955

■ 0.0000, 0.0000,
0.0000

■ 123.3930, 0.2993,
-49.4567

■ 123.3930, 0.2993,
-49.4567

■ 118.3380, 0.3264,
-58.1784

■ 128.4480, 0.2721,
-40.7349

■ 113.2830, 0.3535,
-66.9002

■ 133.5030, 0.2450,
-32.0131

■ 107.9290, 0.5280,
-76.2367

■ 138.8570, 0.0705,
-22.6766

■ 102.8740, 0.5551,
-84.9585

■ 143.9120, 0.0434,
-13.9548

■ 100.8520, 0.5660,
-88.4472

■ 148.9670, 0.0163,
-5.2331

■ 154.0220, -0.0108,
3.4887

■ 159.0770, -0.0380,
12.2105

■ 164.4310, -0.2125,

21.5470

■ 169.4860, -0.2396,
30.2688

Harmonies

Analogous

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



129.6280, -16.0856, -20.7218



123.3930, 0.2993, -49.4567



110.9550, 21.2212, -86.7835

Triad

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



123.3930, 0.2993, -49.4567



137.4370, 27.3926, -12.6612



137.4710, -20.9382, 42.5599

Complementary

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



123.3930, 0.2993, -49.4567



95.6070, -0.2993, 49.4567

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.



139.3050, -9.0244, 47.9675



123.3930, 0.2993, -49.4567



140.8170, 17.8382, 18.5775

Square

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



123.3930, 0.2993, -49.4567



128.1720, 32.4532, -49.2628



140.8060, 4.5326, 39.6351



135.9500, -27.5833, 27.2309

Rectangle

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



123.3930, 0.2993, -49.4567



108.2450, 31.4312, -94.9309



140.8060, 4.5326, 39.6351



138.7040, -17.6021, 45.8636

Sweetspot

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



123.3930, 0.2993, -49.4567



184.8790, 0.0597, -19.1879



125.2670, -28.7256, -26.5442



92.6350, 0.1799, -11.0809



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.



123.3930, 0.2993, -49.4567



151.9290, 0.5280, -76.2367



118.3670, 16.5811, -45.0489



74.2660, -0.1311, -4.6183



92.8960, 0.5443, -81.4698



8.6570, 0.1691, -7.5922

Inverse Universe

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



95.6070, -0.2993, 49.4567



109.0710, -0.5280, 76.2367



100.6330, -16.5811, 45.0489



71.6200, -0.3057, 4.7183



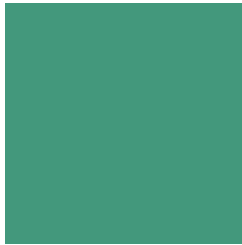
47.1040, -0.5443, 81.4698



4.3430, -0.1691, 7.5922

Previews

White Background



This preview shows how the YUV color 123.3930, 0.2993, -49.4567 looks on a white background.

Color Contrast Check

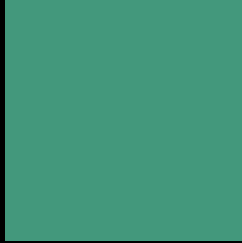
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.3930, 0.2993, -49.4567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

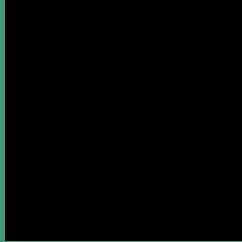
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.3930, 0.2993, -49.4567

Background



This preview shows how black text looks on a background with the YUV color 123.3930, 0.2993, -49.4567.



This preview shows how white text looks on a background with the YUV color 123.3930, 0.2993,

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

123.3930, 0.2993, -49.4567

Protanopia

136.1120, -9.9152, 6.9178

Deuteranopia

137.8230, -4.8427, 13.3102



Tritanopia

127.7370, 15.4127, -43.6193

Trichromacy



Original Color

123.3930, 0.2993, -49.4567

Protanomaly

131.6040, -6.2138, -13.6847

Deuteranomaly

132.5490, -2.7357, -9.2515

Tritanomaly

126.2330, 9.7451, -45.8083

Monochromacy



Original Color

123.3930, 0.2993, -49.4567

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.4770, -0.2352, -17.9583

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.3930, 0.2993, -49.4567 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(67, 152, 124)` looks like.

```
.text, #text, p{  
    color:rgb(67, 152, 124)  
}
```

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(67, 152, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 152, 124) }
```

Border

The CSS property to change the border of an element to YUV 123.3930, 0.2993, -49.4567 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(67, 152, 124) }
```


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

```
.border{ border-color:rgb(67, 152, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 152, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 152, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 152, 124);  
box-shadow:4px 4px 4px 4px rgb(67, 152,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 123.3930, 0.2993, -49.4567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 152, 124) }
```

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

```
.background{ background-color: rgb(67, 152,  
124) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor