

Converting Colors

YUV(49.3190, 16.1117,
-34.4828)

Have a look what the booklet for
YUV(49.3190, 16.1117, -34.4828)
contains.

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Color

**YUV(49.3190, 16.1117,
-34.4828)**

Conversions

Conversions Part 1

Format	Color
Hex	0A3F52
RGB	10, 63, 82
RGB Percent	4%, 25%, 32%
CMY	0.9608, 0.7529, 0.6784
CMYK	0.88, 0.23, 0.00, 0.68
HSL	196°, 78%, 18%
HSV	196°, 88%, 32%
XYZ	3.4257, 4.2287, 8.6183
YIQ	49.3190, -37.6870, -5.3270

Conversions

Conversions Part 2

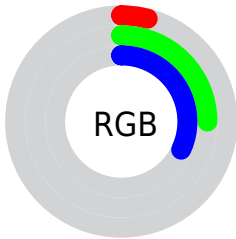
Format	Color
R_{YB}	10, 41, 82
Decimal	671570
CIE _{Lab}	24.41, -9.04, -16.19
CIE _{LCh}	24, 18.544, 240.836
Yxy	4.2287, 0.2105, 0.2599
Android (android.graphics.Color)	4278861650 (0xFF0A3F52)
YUV	49.3190, 16.1117, -34.4828
Hunter-Lab	20.5639, -6.2511, -10.4537

Details

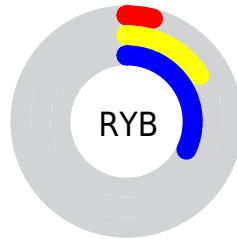
The YUV color **49.3190, 16.1117, -34.4828** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **42.6810, -16.1117, 34.4828**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.1240, 15.2219, -29.0497**, and **16.5450, 10.0843, -14.5100** is the 20% darker color. If you saturate the color by 10%, you get **45.7530, 17.8698, -38.3714**, and if you desaturate by 10%, it is **52.8850, 14.3537, -30.5941**.

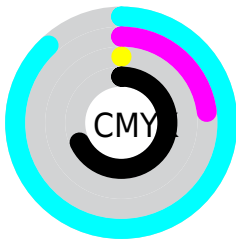
Distribution



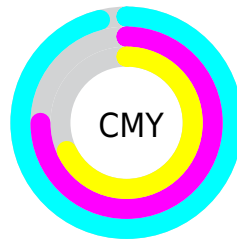
- Red (4%)
- Green (25%)
- Blue (32%)



- Red (4%)
- Yellow (16%)
- Blue (32%)



- Cyan (88%)
- Magenta (23%)
- Yellow (0%)
- Black (68%)



- Cyan (96%)
- Magenta (75%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.3190, 16.1117, -34.4828 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 49.3190, 16.1117, -34.4828 by changing the saturation by 10% instead.

■ 49.3190, 16.1117,
-34.4828

■ 49.3190, 16.1117,
-34.4828

■ 255.0000, 0.0000,
0.0000

■ 30.7930, 13.9061,
-27.0055

■ 100.1240, 15.2219,
-29.0497

■ 16.5450, 10.0843,
-14.5100

■ 125.6510, 15.9481,
-28.6349

■ 2.2970, 6.2626,
-2.0145

■ 151.7650, 16.3849,
-28.7349

■ 0.0000, 0.0000,
0.0000

■ 178.7650, 16.3849,
-28.7349

■ 206.5800, 16.9691,
-29.4497

■ 233.5710, 10.5645,

-28.5648

■ 247.5250, 3.6852,
-15.3694

■ 49.3190, 16.1117,
-34.4828

■ 49.3190, 16.1117,
-34.4828

■ 45.7530, 17.8698,
-38.3714

■ 52.8850, 14.3537,
-30.5941

■ 44.5680, 18.4540,
-39.0861

■ 56.4510, 12.5957,
-26.7055

■ 60.3160, 10.6902,
-22.2021

■ 64.4690, 8.6428,
-18.8283

■ 68.0350, 6.8847,
-14.9397

■ 71.6010, 5.1267,
-11.0511

■ 75.1670, 3.3687,
-7.1625

■ 79.0320, 1.4632,
-2.6591

■ 82.5980, -0.2948,
1.2296

Harmonies

Analogous

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



46.3630, 12.6390, -40.6604



49.3190, 16.1117, -34.4828



55.7990, 14.8891, -15.6097

Triad

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



49.3190, 16.1117, -34.4828



59.3170, -0.6493, 21.6470



55.2310, -10.4669, -2.8336

Complementary

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



49.3190, 16.1117, -34.4828



42.6810, -16.1117, 34.4828

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.



56.9120, -13.2676, 8.8472



49.3190, 16.1117, -34.4828



58.3080, -7.0538, 22.5319

Square

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



49.3190, 16.1117, -34.4828



59.6950, 6.0664, 14.2995



57.7220, -11.6949, 17.7838



53.0490, -4.4612, -15.8290

Rectangle

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



49.3190, 16.1117, -34.4828



58.2950, 12.6726, -4.6437



57.7220, -11.6949, 17.7838



55.7970, -12.2249, 1.0550

Sweetspot

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



49.3190, 16.1117, -34.4828



94.5190, 6.1531, -13.6102



54.3160, -12.9738, -38.8651



45.9820, 3.9529, -7.8772



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



49.3190, 16.1117, -34.4828



58.5710, 23.8755, -51.3668



28.7740, 26.2404, -16.4648



39.2170, 0.8790, -1.9443



57.1690, 23.5807, -50.1372



126.8250, 51.8513, -111.2255

Inverse Universe

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



37.5700, 12.5370, 38.9651



40.9990, 18.7345, 57.8829



63.2260, -26.2404, 16.4648



38.5380, 0.7208, 2.1592



40.1730, 18.1557, 56.8533



88.8620, 40.4940, 125.5320

Previews

White Background



This preview shows how the YUV color 49.3190, 16.1117, -34.4828 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



This preview shows how the YUV color 49.3190, 16.1117, -34.4828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

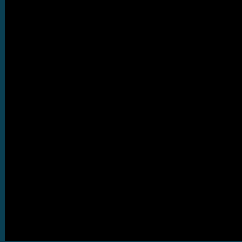
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.3190, 16.1117, -34.4828

Background



This preview shows how black text looks on a background with the YUV color 49.3190, 16.1117, -34.4828.



This preview shows how white text looks on a background with the YUV color 49.3190, 16.1117,

-34.4828.

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

49.3190, 16.1117, -34.4828

Protanopia

57.8990, 9.9098, -5.1734

Deuteranopia

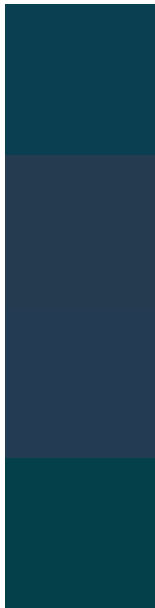
58.1590, 12.2466, -8.0324



Tritanopia

46.1350, 11.7654, -40.4604

Trichromacy



Original Color

49.3190, 16.1117, -34.4828

Protanomaly

54.7020, 11.9789, -15.5247

Deuteranomaly

55.1470, 13.7315, -17.6689

Tritanomaly

47.2000, 13.2124, -37.8864

Monochromacy



Original Color

49.3190, 16.1117, -34.4828

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

49.1170, 5.8583, -12.3806

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.3190, 16.1117, -34.4828 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(10, 63, 82)` looks like.

```
.text, #text, p{  
    color:rgb(10, 63, 82)  
}
```

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(10, 63, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 63, 82) }
```

Border

The CSS property to change the border of an element to YUV 49.3190, 16.1117, -34.4828 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(10, 63, 82) }
```


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

```
.border{ border-color:rgb(10, 63, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 63, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 63, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 63, 82);  
box-shadow:4px 4px 4px 4px rgb(10, 63, 82)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.3190, 16.1117, -34.4828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 63, 82) }
```

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

```
.background{ background-color: rgb(10, 63,  
82) }
```

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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