

Converting Colors

YUV(49.2390, 10.7282,
-34.4126)

Have a look what the booklet for
YUV(49.2390, 10.7282, -34.4126)
contains.

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Color

**YUV(49.2390, 10.7282,
-34.4126)**

Conversions

Conversions Part 1

Format	Color
Hex	0A4147
RGB	10, 65, 71
RGB Percent	4%, 25%, 28%
CMY	0.9608, 0.7451, 0.7216
CMYK	0.86, 0.08, 0.00, 0.72
HSL	186°, 75%, 16%
HSV	186°, 86%, 28%
XYZ	3.1528, 4.3001, 6.6251
YIQ	49.2390, -34.7060, -9.7940

Conversions

Conversions Part 2

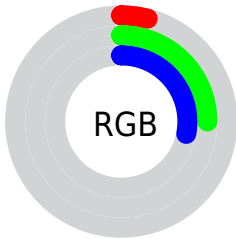
Format	Color
R_{YB}	10, 39, 71
Decimal	672071
CIE _{Lab}	24.64, -14.52, -8.60
CIE _{LCh}	25, 16.871, 210.628
Yxy	4.3001, 0.2240, 0.3054
Android (android.graphics.Color)	4278862151 (0xFF0A4147)
YUV	49.2390, 10.7282, -34.4126
Hunter-Lab	20.7366, -9.1498, -4.4268

Details

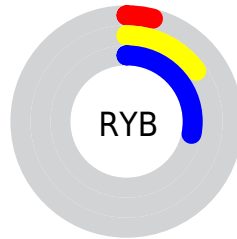
The YUV color **49.2390, 10.7282, -34.4126** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **31.7610, -10.7282, 34.4126**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.3320, 9.6963, -30.1092**, and **16.6930, 5.5744, -14.6398** is the 20% darker color. If you saturate the color by 10%, you get **46.5590, 12.0494, -38.2012**, and if you desaturate by 10%, it is **51.9190, 9.4069, -30.6240**.

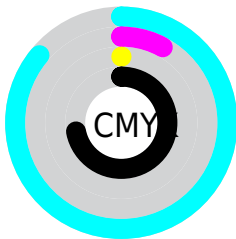
Distribution



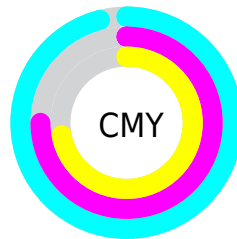
- Red (4%)
- Green (25%)
- Blue (28%)



- Red (4%)
- Yellow (15%)
- Blue (28%)



- Cyan (86%)
- Magenta (8%)
- Yellow (0%)
- Black (72%)



- Cyan (96%)
- Magenta (75%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.2390, 10.7282, -34.4126 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 49.2390, 10.7282, -34.4126 by changing the saturation by 10% instead.

■ 49.2390, 10.7282,
-34.4126

■ 49.2390, 10.7282,
-34.4126

■ 255.0000, 0.0000,
0.0000

■ 30.8270, 8.9593,
-27.0353

■ 99.3320, 9.6963,
-30.1092

■ 16.6930, 5.5744,
-14.6398

■ 125.0330, 9.8437,
-30.7239

■ 0.0000, 0.0000,
0.0000

■ 151.1470, 10.2805,
-30.8239

■ 178.1470, 10.2805,
-30.8239

■ 205.8480, 10.4279,
-31.4387

■ 234.4350, 10.1385,

-31.9535

■ 246.3290, 4.2748,
-17.8285

■ 49.2390, 10.7282,
-34.4126

■ 49.2390, 10.7282,
-34.4126

■ 46.5590, 12.0494,
-38.2012

■ 51.9190, 9.4069,
-30.6240

■ 45.6620, 12.4916,
-40.0456

■ 54.0120, 8.3751,
-26.3205

■ 56.6920, 7.0538,
-22.5319

■ 59.3720, 5.7326,
-18.7432

■ 61.7640, 4.5533,
-13.8250

■ 64.4440, 3.2321,
-10.0364

■ 67.1240, 1.9109,
-6.2477

■ 69.8040, 0.5896,
-2.4591

■ 71.8970, -0.4422,
1.8443

Harmonies

Analogous

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



51.3450, 3.2809, -25.7356



49.2390, 10.7282, -34.4126



52.0810, 13.7641, -28.1350

Triad

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



49.2390, 10.7282, -34.4126



60.4560, 5.1982, 12.7551



57.8410, -12.2466, 8.0324

Complementary

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



49.2390, 10.7282, -34.4126



31.7610, -10.7282, 34.4126

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.



58.3520, -10.5265, 16.3543



49.2390, 10.7282, -34.4126



60.0070, -0.4965, 19.2879

Square

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



49.2390, 10.7282, -34.4126



59.3450, 10.1829, 0.5744



59.4110, -6.6116, 20.6876



56.3450, -10.0301, -2.9336

Rectangle

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



49.2390, 10.7282, -34.4126



55.4350, 13.5895, -18.7985



59.4110, -6.6116, 20.6876



57.8630, -12.2575, 11.5211

Sweetspot

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



49.2390, 10.7282, -34.4126



83.0630, 4.4059, -13.2103



46.3770, -15.4689, -31.9026



41.2270, 2.3531, -8.0921



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.



49.2390, 10.7282, -34.4126



59.2090, 16.1660, -51.9263



31.6290, 19.4099, -18.9686



34.2170, 0.8790, -1.9443



64.1160, 17.1978, -56.2297



146.2130, 39.8280, -128.2288

Inverse Universe

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



34.5090, 15.0321, 32.0026



36.9700, 22.6928, 48.2613



49.3710, -19.4099, 18.9686



33.5380, 0.7208, 2.1592



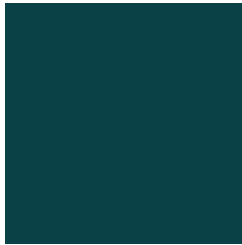
39.8610, 24.7185, 51.8649



91.2430, 56.0822, 119.0589

Previews

White Background



This preview shows how the YUV color 49.2390, 10.7282, -34.4126 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 49.2390, 10.7282, -34.4126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

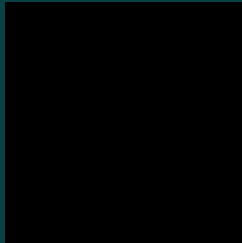
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

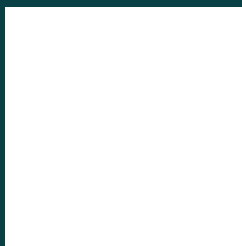
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 49.2390, 10.7282, -34.4126

Background



This preview shows how black text looks on a background with the YUV color 49.2390, 10.7282, -34.4126.



This preview shows how white text looks on a background with the YUV color 49.2390, 10.7282,

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

49.2390, 10.7282, -34.4126

Protanopia

58.6130, 3.6418, -1.4146

Deuteranopia

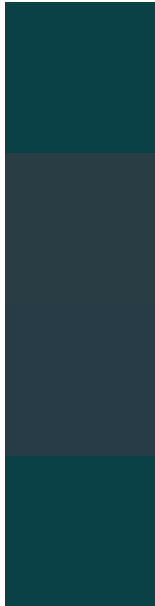
58.8240, 6.9888, -1.5996



Tritanopia

48.8260, 10.4388, -34.9274

Trichromacy



Original Color

49.2390, 10.7282, -34.4126

Protanomaly

55.5190, 6.1531, -13.6102

Deuteranomaly

55.3880, 8.1897, -13.4953

Tritanomaly

48.8260, 10.4388, -34.9274

Monochromacy



Original Color

49.2390, 10.7282, -34.4126

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

49.2480, 3.8217, -12.4955

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.2390, 10.7282, -34.4126 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, 65, 71)` looks like.

```
.text, #text, p{  
    color:rgb(10, 65, 71)  
}
```

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, 65, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 65, 71) }
```

Border

The CSS property to change the border of an element to YUV 49.2390, 10.7282, -34.4126 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, 65, 71) }
```


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

```
.border{ border-color:rgb(10, 65, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 65, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 65, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 65, 71);  
box-shadow:4px 4px 4px 4px rgb(10, 65, 71)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.2390, 10.7282, -34.4126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 65, 71) }
```

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

```
.background{ background-color: rgb(10, 65,  
71) }
```

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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