

Converting Colors

YUV(39.2860, -10.4940, 5.8882)

Have a look what the booklet for
YUV(39.2860, -10.4940, 5.8882)
contains.

YUV(39.2860, -10.4940, 5.8882)	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(39.2860, -10.4940,
5.8882)**

Conversions

Conversions Part 1

Format	Color
Hex	2E2812
RGB	46, 40, 18
RGB Percent	18%, 16%, 7%
CMY	0.8196, 0.8431, 0.9294
CMYK	0.00, 0.13, 0.61, 0.82
HSL	47°, 44%, 13%
HSV	47°, 61%, 18%
XYZ	1.9947, 2.1421, 0.8806
YIQ	39.2860, 10.6380, -5.5700

Conversions

Conversions Part 2

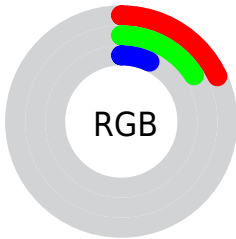
Format	Color
RYB	26, 46, 18
Decimal	3024914
CIELab	16.22, -0.95, 15.36
CIElCh	16, 15.392, 93.522
Yxy	2.1421, 0.3976, 0.4269
Android (android.graphics.Color)	4281214994 (0xFF2E2812)
YUV	39.2860, -10.4940, 5.8882
Hunter-Lab	14.6359, -1.2856, 6.6778

Details

The YUV color **39.2860, -10.4940, 5.8882** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **24.7140, 10.4940, -5.8882**, and the grayscale version is **39.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **84.6560, -11.6624, 7.3177**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **38.1290, -12.3886, 6.9029**, and if you desaturate by 10%, it is **40.4430, -8.5994, 4.8735**.

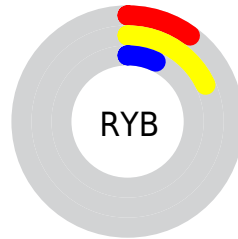
Distribution



Red (18%)

Green (16%)

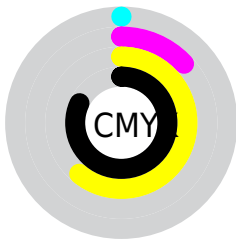
Blue (7%)



Red (10%)

Yellow (18%)

Blue (7%)

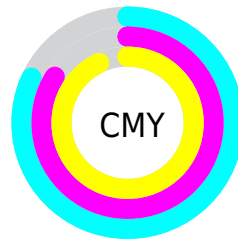


Cyan (0%)

Magenta (13%)

Yellow (61%)

Black (82%)



Cyan (82%)

Magenta (84%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 39.2860, -10.4940, 5.8882 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 39.2860, -10.4940, 5.8882 by changing the saturation by 10% instead.

■ 39.2860, -10.4940,
5.8882

■ 39.2860, -10.4940,
5.8882

■ 253.6320, -5.2416,
1.1997

■ 19.2150, -9.4730,
5.0734

■ 84.6560, -11.6624,
7.3177

■ 0.0000, 0.0000,
0.0000

■ 108.8410,
-12.2466, 8.0324

■ 134.0260,
-12.8308, 8.7472


■ 160.6130,
-13.1202, 8.2324


■ 187.2110,
-13.4150, 9.4620


■ 215.0970,


-13.8518, 9.5619


 243.8690,
-14.7254, 9.7619


 39.2860, -10.4940,
5.8882


 39.2860, -10.4940,
5.8882


 38.1290, -12.3886,
6.9029


 40.4430, -8.5994,
4.8735


 37.0860, -13.8464,
7.8176


 41.4860, -7.1416,
3.9588

 35.9290, -15.7410,
8.8323

 42.6430, -5.2470,
2.9441

 34.8860, -17.1988,
9.7470

 43.6860, -3.7892,
2.0294

 44.8430, -1.8946,
1.0147

■ 46.0000, 0.0000,
0.0000

■ 47.0430, 1.4578,
-0.9147

■ 48.2000, 3.3524,
-1.9294

■ 49.2430, 4.8102,
-2.8441

Harmonies

Analogous

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



39.9710, -9.3527, 13.1804



39.2860, -10.4940, 5.8882



37.9150, -7.8461, -3.4335

Triad

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



39.2860, -10.4940, 5.8882



32.9300, 9.4015, -28.8796



41.5160, 4.1826, 11.8255

Complementary

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



39.2860, -10.4940, 5.8882



24.7140, 10.4940, -5.8882

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.



41.1880, 8.2883, 1.5891



39.2860, -10.4940, 5.8882



33.8640, 12.8850, -26.1907

Square

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



39.2860, -10.4940, 5.8882



32.8720, 4.0071, -25.3207



38.9090, 11.3839, -11.3212



41.4690, -1.2172, 17.1287

Rectangle

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



39.2860, -10.4940, 5.8882



37.2670, -5.0616, -9.8812



38.9090, 11.3839, -11.3212



41.5480, 5.6458, 9.1664

Sweetspot

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



39.2860, -10.4940, 5.8882



55.9850, -3.9366, 2.6442



27.0560, -1.5066, 16.6139



29.0280, -2.4788, 1.7294



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



39.2860, -10.4940, 5.8882



48.2280, -15.8884, 9.4470



40.4160, -11.0511, -2.1188



22.1850, -0.5842, 0.7148



65.9290, -32.5030, 18.4793



162.6020, -80.1628, 45.0760

Inverse Universe

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



24.7140, 10.4940, -5.8882



26.1850, 16.1778, -8.9322



23.5840, 11.0511, 2.1188



21.2280, 0.8736, -0.2000



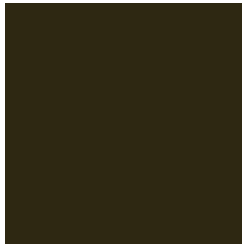
21.0710, 32.5030, -18.4793



51.3980, 80.1628, -45.0760

Previews

White Background



This preview shows how the YUV color 39.2860, -10.4940, 5.8882 looks on a white background.

Color Contrast Check

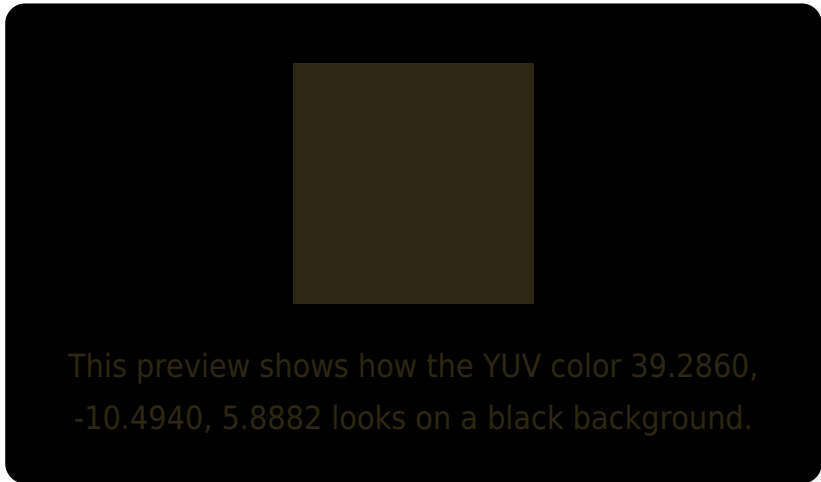
Large Text (above 18pt) WCAG AA ✓ Pass

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

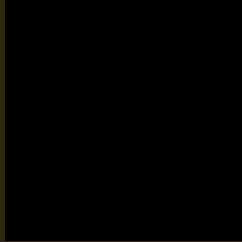
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 39.2860, -10.4940, 5.8882

Background



This preview shows how black text looks on a background with the YUV color 39.2860, -10.4940, 5.8882.

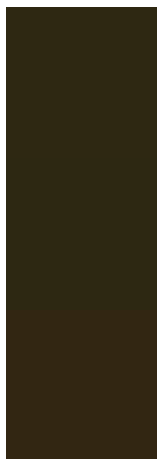


This preview shows how white text looks on a background with the YUV color 39.2860, -10.4940,

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

39.2860, -10.4940, 5.8882

Protanopia

38.9870, -10.3466, 5.2734

Deuteranopia

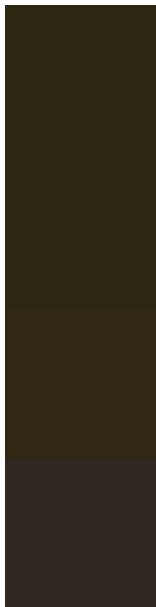
39.3080, -10.5048, 9.3769



Tritanopia

41.3320, -0.1637, 5.8478

Trichromacy



Original Color

39.2860, -10.4940, 5.8882

Protanomaly

38.9870, -10.3466, 5.2734

Deuteranomaly

39.5960, -10.6468, 8.2473

Tritanomaly

40.7080, -3.8000, 5.5181

Monochromacy



Original Color

39.2860, -10.4940, 5.8882

Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

38.9850, -3.9366, 2.6442

CSS Examples

Text

The CSS property to change the color of the text to YUV 39.2860, -10.4940, 5.8882 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(46, 40, 18)` looks like.

```
.text, #text, p{  
    color:rgb(46, 40, 18)  
}
```

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(46, 40, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 40, 18) }
```

Border

The CSS property to change the border of an element to YUV 39.2860, -10.4940, 5.8882 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(46, 40, 18) }
```


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

```
.border{ border-color:rgb(46, 40, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 40, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 40, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 40, 18);  
box-shadow:4px 4px 4px 4px rgb(46, 40, 18)  
}
```

Background

The CSS property to change the background color of an element to YUV 39.2860, -10.4940, 5.8882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 40, 18) }
```

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

```
.background{ background-color: rgb(46, 40,  
18) }
```

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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