

Converting Colors

YUV(47.3090, 11.1867,
-41.4900)

Have a look what the booklet for
YUV(47.3090, 11.1867, -41.4900)
contains.

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Color

**YUV(47.3090, 11.1867,
-41.4900)**

Conversions

Conversions Part 1

Format	Color
Hex	004346
RGB	0, 67, 70
RGB Percent	0%, 26%, 27%
CMY	1.0000, 0.7373, 0.7255
CMYK	1.00, 0.04, 0.00, 0.73
HSL	183°, 100%, 14%
HSV	183°, 100%, 27%
XYZ	3.1126, 4.4565, 6.4905
YIQ	47.3090, -40.8950, -13.2710

Conversions

Conversions Part 2

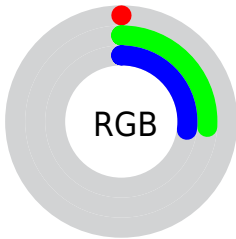
Format	Color
RYB	0, 34, 70
Decimal	17222
CIELab	25.13, -17.30, -7.22
CIELCh	25, 18.747, 202.649
Yxy	4.4565, 0.2214, 0.3170
Android (android.graphics.Color)	4278207302 (0xFF004346)
YUV	47.3090, 11.1867, -41.4900
Hunter-Lab	21.1104, -10.6242, -3.4516

Details

The YUV color **47.3090, 11.1867, -41.4900** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **22.6910, -11.1867, 41.4900**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.8970, 9.4178, -34.1127**, and **17.7530, 4.5588, -15.5694** is the 20% darker color. If you saturate the color by 10%, you get **47.3090, 11.1867, -41.4900**, and if you desaturate by 10%, it is **49.4020, 10.1548, -37.1866**.

Distribution



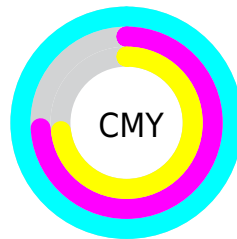
- Red (0%)
- Green (26%)
- Blue (27%)



- Red (0%)
- Yellow (13%)
- Blue (27%)



- Cyan (100%)
- Magenta (4%)
- Yellow (0%)
- Black (73%)



- Cyan (100%)
- Magenta (74%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.3090, 11.1867, -41.4900 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 47.3090, 11.1867, -41.4900 by changing the saturation by 10% instead.

47.3090, 11.1867,
-41.4900

47.3090, 11.1867,
-41.4900

254.1030, 0.4422,
-1.8443

31.8870, 7.9437,
-27.9649

98.8970, 9.4178,
-34.1127

17.7530, 4.5588,
-15.5694

124.8970, 9.4178,
-34.1127

0.0000, 0.0000,
0.0000

151.4840, 9.1284,
-34.6275

178.5980, 9.5652,
-34.7274

206.2990, 9.7126,
-35.3422

234.2990, 9.7126,

-35.3422

■ 245.4320, 4.7170,
-19.6729

■ 47.3090, 11.1867,
-41.4900

■ 49.4020, 10.1548,
-37.1866

■ 52.0820, 8.8336,
-33.3979

■ 54.1750, 7.8017,
-29.0945

■ 56.2680, 6.7699,
-24.7910

■ 58.9480, 5.4486,
-21.0024

■ 61.0410, 4.4168,
-16.6990

■ 63.1340, 3.3849,
-12.3955

■ 65.2270, 2.3531,
-8.0921

■ 67.9070, 1.0318,
-4.3034

Harmonies

Analogous

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



52.1770, 1.3917, -26.4652



47.3090, 11.1867, -41.4900



48.6990, 16.4174, -39.2010

Triad

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



47.3090, 11.1867, -41.4900



61.4280, 7.6770, 11.0256



59.1080, -13.8572, 11.3063

Complementary

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



47.3090, 11.1867, -41.4900



22.6910, -11.1867, 41.4900

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.



59.9610, -10.8268, 19.3282



47.3090, 11.1867, -41.4900



61.4740, 1.2453, 20.6323

Square

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



47.3090, 11.1867, -41.4900



60.0070, 12.8145, -3.5141



60.3620, -5.6015, 23.3615



57.4980, -12.0775, 0.4403

Rectangle

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



47.3090, 11.1867, -41.4900



53.6620, 15.9426, -26.8906



60.3620, -5.6015, 23.3615



59.3580, -12.9945, 14.5950

Sweetspot

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



47.3090, 11.1867, -41.4900



83.0410, 4.4168, -16.6990



41.3180, -19.3838, -36.2359



40.3300, 2.7953, -9.9364



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.



47.3090, 11.1867, -41.4900



62.1440, 14.7190, -54.5003



27.3510, 21.0260, -23.9868



34.8040, 0.5896, -2.4591



67.0510, 15.7509, -58.8037



153.2570, 36.3553, -134.4064

Inverse Universe

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



28.5680, 18.9470, 36.3359



37.5400, 24.8768, 47.7614



42.6490, -21.0260, 23.9868



33.6520, 1.1576, 2.0592



40.4310, 26.9025, 51.3650



92.6110, 61.3238, 117.8592

Previews

White Background



This preview shows how the YUV color 47.3090, 11.1867, -41.4900 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 47.3090, 11.1867, -41.4900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

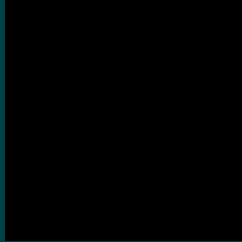
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

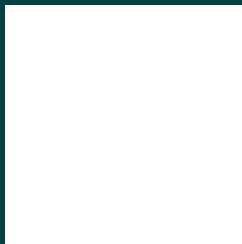
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 47.3090, 11.1867, -41.4900

Background



This preview shows how black text looks on a background with the YUV color 47.3090, 11.1867, -41.4900.



This preview shows how white text looks on a background with the YUV color 47.3090, 11.1867,

-41.4900.

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



Protanopia

60.5700, 2.1840, -0.4999

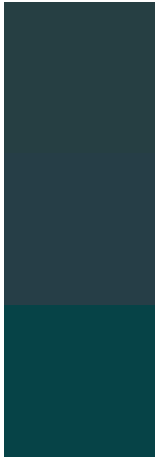
Deuteranopia

60.7810, 5.5310, -0.6849

Tritanopia

50.2280, 10.7336, -36.1570

Trichromacy



Protanomaly

55.9810, 5.4324, -15.7693

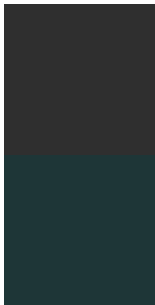
Deuteranomaly

55.8500, 7.4689, -15.6545

Tritanomaly

49.2170, 10.7390, -37.9013

Monochromacy



Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

46.9380, 3.9746, -14.8546

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.3090, 11.1867, -41.4900 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(0, 67, 70)` looks like.

```
.text, #text, p{  
    color:rgb(0, 67, 70)  
}
```

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(0, 67, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 67, 70) }
```

Border

The CSS property to change the border of an element to YUV 47.3090, 11.1867, -41.4900 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(0, 67, 70) }
```

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

```
.border{ border-color:rgb(0, 67, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 67, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 67, 70); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 67, 70); box-shadow:4px  
4px 4px 4px rgb(0, 67, 70) }
```


Background

The CSS property to change the background color of an element to YUV 47.3090, 11.1867, -41.4900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 67, 70) }
```

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

```
.background{ background-color: rgb(0, 67,  
70) }
```

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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