

Converting Colors

YUV(46.9880, 14.7959,
-32.4385)

Have a look what the booklet for
YUV(46.9880, 14.7959, -32.4385)
contains.

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Color

**YUV(46.9880, 14.7959,
-32.4385)**

Conversions

Conversions Part 1

Format	Color
Hex	0A3C4D
RGB	10, 60, 77
RGB Percent	4%, 24%, 30%
CMY	0.9608, 0.7647, 0.6980
CMYK	0.87, 0.22, 0.00, 0.70
HSL	195°, 77%, 17%
HSV	195°, 87%, 30%
XYZ	3.0806, 3.8321, 7.5985
YIQ	46.9880, -35.2570, -5.3130

Conversions

Conversions Part 2

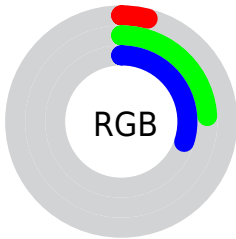
Format	Color
R _Y B	10, 39, 77
Decimal	670797
CIE Lab	23.11, -9.15, -14.91
CIE LCh	23, 17.498, 238.460
Yxy	3.8321, 0.2123, 0.2641
Android (android.graphics.Color)	4278860877 (0xFF0A3C4D)
YUV	46.9880, 14.7959, -32.4385
Hunter-Lab	19.5757, -6.1672, -9.3110

Details

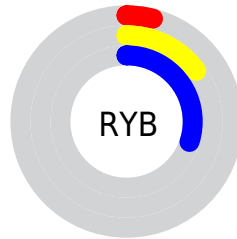
The YUV color **46.9880, 14.7959, -32.4385** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **40.0120, -14.7959, 32.4385**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.6080, 14.4903, -27.7202**, and **14.3280, 9.2053, -12.5657** is the 20% darker color. If you saturate the color by 10%, you get **43.4220, 16.5540, -36.3271**, and if you desaturate by 10%, it is **50.5540, 13.0379, -28.5499**.

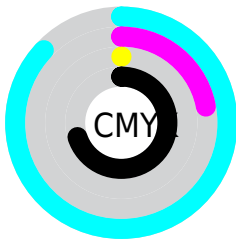
Distribution



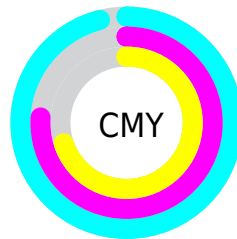
- Red (4%)
- Green (24%)
- Blue (30%)



- Red (4%)
- Yellow (15%)
- Blue (30%)



- Cyan (87%)
- Magenta (22%)
- Yellow (0%)
- Black (70%)



- Cyan (96%)
- Magenta (76%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.9880, 14.7959, -32.4385 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 46.9880, 14.7959, -32.4385 by changing the saturation by 10% instead.

■ 46.9880, 14.7959,
-32.4385

■ 46.9880, 14.7959,
-32.4385

■ 255.0000, 0.0000,
0.0000

■ 28.4620, 12.5902,
-24.9612

■ 96.6080, 14.4903,
-27.7202

■ 14.3280, 9.2053,
-12.5657

■ 122.6080, 14.4903,
-27.7202

■ 0.7980, 3.0576,
-0.6998

■ 148.7220, 14.9271,
-27.8202

■ 0.0000, 0.0000,
0.0000

■ 175.7220, 14.9271,
-27.8202

■ 202.8360, 15.3639,
-27.9202

■ 230.6250, 12.0169,

-27.7351

■ 246.6280, 4.1274,
-17.2138

■ 46.9880, 14.7959,
-32.4385

■ 46.9880, 14.7959,
-32.4385

■ 43.4220, 16.5540,
-36.3271

■ 50.5540, 13.0379,
-28.5499

■ 42.2370, 17.1382,
-37.0418

■ 53.8210, 11.4272,
-25.2760

■ 57.3870, 9.6692,
-21.3874

■ 60.9530, 7.9112,
-17.4988

■ 64.5190, 6.1531,
-13.6102

■ 67.7860, 4.5425,
-10.3363

■ 71.3520, 2.7845,
-6.4477

■ 74.9180, 1.0264,
-2.5591

■ 78.1850, -0.5842,
0.7148

Harmonies

Analogous

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



44.3310, 11.1758, -38.0013



46.9880, 14.7959, -32.4385



53.1580, 13.7261, -15.9246

Triad

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



46.9880, 14.7959, -32.4385



56.4200, -0.2071, 19.8027



52.9430, -10.3249, -1.7040

Complementary

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



46.9880, 14.7959, -32.4385



40.0120, -14.7959, 32.4385

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.



54.1400, -12.3940, 8.6472



46.9880, 14.7959, -32.4385



55.8240, -6.3222, 21.2024

Square

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



46.9880, 14.7959, -32.4385



56.6840, 6.0718, 12.5551



55.5370, -11.1107, 17.0691



50.9460, -4.9034, -13.9846

Rectangle

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



46.9880, 14.7959, -32.4385



55.4690, 12.0938, -5.6733



55.5370, -11.1107, 17.0691



53.6230, -11.6461, 2.0846

Sweetspot

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



46.9880, 14.7959, -32.4385



88.0030, 5.4215, -12.2806



51.2670, -11.9636, -36.1912



43.8680, 3.5161, -7.7772



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



46.9880, 14.7959, -32.4385



54.7240, 21.8281, -47.9929



27.6170, 24.3458, -15.4501



36.2170, 0.8790, -1.9443



56.2400, 22.5597, -49.3225



126.5970, 50.9777, -111.0256

Inverse Universe

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



35.7330, 11.9636, 36.1912



38.0370, 17.7298, 53.4646



59.3830, -24.3458, 15.4501



35.5380, 0.7208, 2.1592



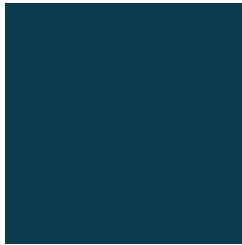
39.1620, 18.1611, 55.1089



88.2640, 40.7888, 124.3025

Previews

White Background



This preview shows how the YUV color 46.9880, 14.7959, -32.4385 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 46.9880, 14.7959, -32.4385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

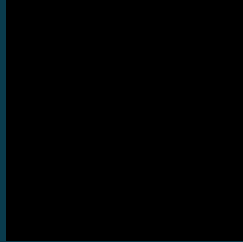
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.9880, 14.7959, -32.4385

Background



This preview shows how black text looks on a background with the YUV color 46.9880, 14.7959, -32.4385.



This preview shows how white text looks on a background with the YUV color 46.9880, 14.7959,

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

46.9880, 14.7959, -32.4385

Protanopia

55.5570, 8.5994, -4.8735

Deuteranopia

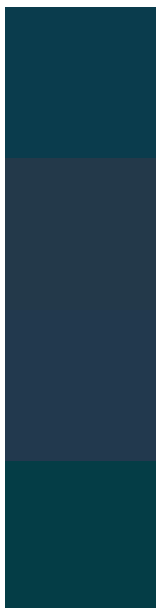
55.2300, 11.2256, -7.2177



Tritanopia

43.3310, 11.1758, -38.0013

Trichromacy



Original Color

46.9880, 14.7959, -32.4385

Protanomaly

52.3600, 10.6685, -15.2247

Deuteranomaly

52.5170, 12.5631, -16.2394

Tritanomaly

44.9830, 12.3334, -35.9421

Monochromacy



Original Color

46.9880, 14.7959, -32.4385

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.3020, 5.2741, -11.6659

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.9880, 14.7959, -32.4385 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, 60, 77)` looks like.

```
.text, #text, p{  
    color:rgb(10, 60, 77)  
}
```

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, 60, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 60, 77) }
```

Border

The CSS property to change the border of an element to YUV 46.9880, 14.7959, -32.4385 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, 60, 77) }
```


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

```
.border{ border-color:rgb(10, 60, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 60, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 60, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 60, 77);  
box-shadow:4px 4px 4px 4px rgb(10, 60, 77)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.9880, 14.7959, -32.4385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 60, 77) }
```

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

```
.background{ background-color: rgb(10, 60,  
77) }
```

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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