

Converting Colors

YUV(71.4340, 28.3800,
-49.4926)

Have a look what the booklet for
YUV(71.4340, 28.3800, -49.4926)
contains.

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Color

**YUV(71.4340, 28.3800,
-49.4926)**

Conversions

Conversions Part 1

Format	Color
Hex	0F5981
RGB	15, 89, 129
RGB Percent	6%, 35%, 51%
CMY	0.9412, 0.6510, 0.4941
CMYK	0.88, 0.31, 0.00, 0.49
HSL	201°, 79%, 28%
HSV	201°, 88%, 51%
XYZ	7.7318, 8.8313, 22.0660
YIQ	71.4340, -56.9440, -3.2480

Conversions

Conversions Part 2

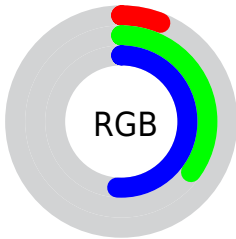
Format	Color
R_{YB}	15, 60, 129
Decimal	1005953
CIE _{Lab}	35.66, -6.02, -28.41
CIE _{LCh}	36, 29.042, 258.047
Yxy	8.8313, 0.2002, 0.2286
Android (android.graphics.Color)	4279196033 (0xFF0F5981)
YUV	71.4340, 28.3800, -49.4926
Hunter-Lab	29.7175, -5.5639, -23.2221

Details

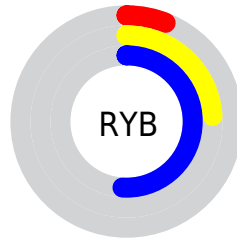
The YUV color **71.4340, 28.3800, -49.4926** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **72.5660, -28.3800, 49.4926**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.8590, 27.1845, -39.3413**, and **34.8340, 21.7738, -30.5494** is the 20% darker color. If you saturate the color by 10%, you get **64.6120, 31.7433, -54.9107**, and if you desaturate by 10%, it is **78.2560, 25.0168, -44.0745**.

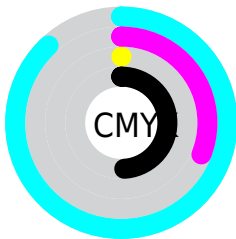
Distribution



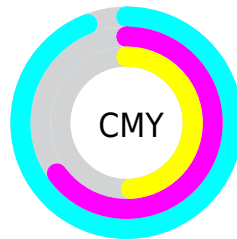
- Red (6%)
- Green (35%)
- Blue (51%)



- Red (6%)
- Yellow (24%)
- Blue (51%)



- Cyan (88%)
- Magenta (31%)
- Yellow (0%)
- Black (49%)



- Cyan (94%)
- Magenta (65%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.4340, 28.3800, -49.4926 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 71.4340, 28.3800, -49.4926 by changing the saturation by 10% instead.

■ 71.4340, 28.3800,
-49.4926

■ 71.4340, 28.3800,
-49.4926

■ 255.0000, 0.0000,
0.0000

■ 50.5980, 26.3272,
-44.3744

■ 126.8590, 27.1845,
-39.3413

■ 34.8340, 21.7738,
-30.5494

■ 153.6850, 27.7633,
-38.3117

■ 20.4720, 17.5153,
-17.9539

■ 181.0980, 28.0527,
-37.7969

■ 5.1640, 14.7091,
-4.5288

■ 207.8440, 23.2479,
-36.6972

■ 1.0260, 3.9312,
-0.8998

■ 232.6520, 11.0176,
-33.8978

■ 0.0000, 0.0000,
0.0000

■ 245.7310, 4.5696,

-19.0581

254.4020, 0.2948,
-1.2296

■ 71.4340, 28.3800,
-49.4926

■ 71.4340, 28.3800,
-49.4926

■ 64.6120, 31.7433,
-54.9107

■ 78.2560, 25.0168,
-44.0745

■ 64.0140, 32.0381,
-56.1403

■ 84.4910, 21.9429,
-38.1416

■ 91.3130, 18.5797,
-32.7235

■ 97.5480, 15.5058,
-26.7906

■ 104.3700, 12.1426,
-21.3725

■ 110.3060, 9.2161,
-16.0544

■ 117.1280, 5.8529,
-10.6363

■ 123.3630, 2.7790,
-4.7034

■ 130.1850, -0.5842,
0.7148

Harmonies

Analogous

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



68.6300, 24.3394, -60.1885



71.4340, 28.3800, -49.4926



83.3680, 22.0036, -10.8467

Triad

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



71.4340, 28.3800, -49.4926



84.5210, -6.6659, 38.1311



76.9750, -12.3127, -17.5181

Complementary

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



71.4340, 28.3800, -49.4926



72.5660, -28.3800, 49.4926

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.



80.5170, -20.9609, 3.0546



71.4340, 28.3800, -49.4926



83.8550, -16.6905, 33.4532

Square

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



71.4340, 28.3800, -49.4926



85.9360, 3.9756, 31.6281



82.3990, -21.8887, 20.6981



69.4690, 1.7408, -45.1383

Rectangle

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



71.4340, 28.3800, -49.4926



85.9250, 17.2920, 7.0818



82.3990, -21.8887, 20.6981



78.6940, -16.1181, -10.2556

Sweetspot

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



71.4340, 28.3800, -49.4926



145.1530, 11.2636, -19.4282



86.4780, -15.5187, -62.6862



70.6440, 6.5845, -11.9658



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



71.4340, 28.3800, -49.4926



83.1350, 41.8384, -72.9094



37.9750, 44.8753, -20.1491



60.7330, 1.6106, -3.2738



63.3130, 31.8907, -55.5255



0.0000, 0.0000, 0.0000

Inverse Universe

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



57.5220, 15.5187, 62.6862



62.6580, 22.8466, 92.3849



106.0250, -44.8753, 20.1491



59.6630, 1.1521, 3.8035



47.7340, 17.3861, 70.3933



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 71.4340, 28.3800, -49.4926 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 71.4340, 28.3800, -49.4926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

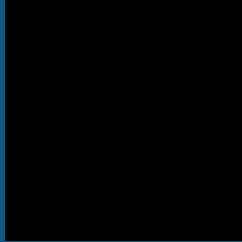
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.4340, 28.3800, -49.4926

Background



This preview shows how black text looks on a background with the YUV color 71.4340, 28.3800, -49.4926.



This preview shows how white text looks on a background with the YUV color 71.4340, 28.3800,

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

71.4340, 28.3800, -49.4926

Protanopia

83.0860, 19.6776, -11.4764

Deuteranopia

81.7690, 23.7779, -19.9684



Tritanopia

65.9910, 16.7664, -57.8741

Trichromacy



Original Color

71.4340, 28.3800, -49.4926

Protanomaly

79.0950, 22.6312, -25.5163

Deuteranomaly

78.1590, 25.5576, -30.8344

Tritanomaly

68.1530, 21.1236, -55.3852

Monochromacy



Original Color

71.4340, 28.3800, -49.4926

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.5230, 10.0952, -17.9987

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.4340, 28.3800, -49.4926 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(15, 89, 129)` looks like.

```
.text, #text, p{  
    color:rgb(15, 89, 129)  
}
```

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(15, 89, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 89, 129) }
```

Border

The CSS property to change the border of an element to YUV 71.4340, 28.3800, -49.4926 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(15, 89, 129) }
```


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

```
.border{ border-color:rgb(15, 89, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 89, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 89, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 89, 129);  
box-shadow:4px 4px 4px 4px rgb(15, 89,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 71.4340, 28.3800, -49.4926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 89, 129) }
```

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

```
.background{ background-color: rgb(15, 89,  
129) }
```

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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