

Converting Colors

YUV(71.9460, 15.3096,
-10.4766)

Have a look what the booklet for
YUV(71.9460, 15.3096, -10.4766)
contains.

YUV(71.9460, 15.3096, -10.4766)	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(71.9460, 15.3096,
-10.4766)**

Conversions

Conversions Part 1

Format	Color
Hex	3C4867
RGB	60, 72, 103
RGB Percent	24%, 28%, 40%
CMY	0.7647, 0.7176, 0.5961
CMYK	0.42, 0.30, 0.00, 0.60
HSL	223°, 26%, 32%
HSV	223°, 42%, 40%
XYZ	6.6290, 6.5747, 13.7516
YIQ	71.9460, -17.1030, 7.0970

Conversions

Conversions Part 2

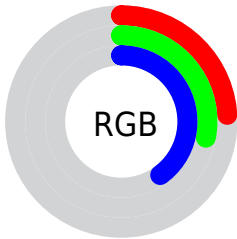
Format	Color
R_{YB}	60, 69, 103
Decimal	3950695
CIE _{Lab}	30.82, 4.01, -19.62
CIE _{LCh}	31, 20.029, 281.550
Yxy	6.5747, 0.2459, 0.2439
Android (android.graphics.Color)	4282140775 (0xFF3C4867)
YUV	71.9460, 15.3096, -10.4766
Hunter-Lab	25.6411, 1.2759, -13.8491

Details

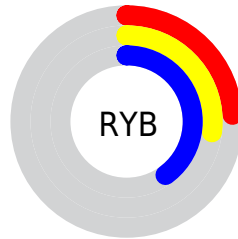
The YUV color **71.9460, 15.3096, -10.4766** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **91.0540, -15.3096, 10.4766**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.5870, 16.4726, -10.1618**, and **26.9950, 14.2995, -13.1506** is the 20% darker color. If you saturate the color by 10%, you get **64.8470, 18.8094, -13.0208**, and if you desaturate by 10%, it is **79.0450, 11.8098, -7.9325**.

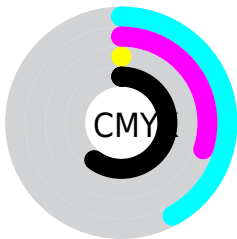
Distribution



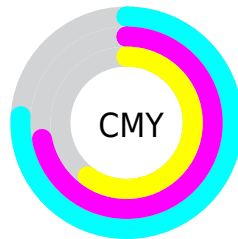
- Red (24%)
- Green (28%)
- Blue (40%)



- Red (24%)
- Yellow (27%)
- Blue (40%)



- Cyan (42%)
- Magenta (30%)
- Yellow (0%)
- Black (60%)



- Cyan (76%)
- Magenta (72%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.9460, 15.3096, -10.4766 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 71.9460, 15.3096, -10.4766 by changing the saturation by 10% instead.

■ 71.9460, 15.3096,
-10.4766

■ 71.9460, 15.3096,
-10.4766

■ 255.0000, 0.0000,
0.0000

■ 49.1200, 14.7308,
-11.5062

■ 120.5870, 16.4726,
-10.1618

■ 26.9950, 14.2995,
-13.1506

■ 146.7010, 16.9094,
-10.2618

■ 5.1640, 14.7091,
-4.5288

■ 173.2280, 17.6356,
-9.8470

■ 1.0260, 3.9312,
-0.8998

■ 200.9290, 17.7830,
-10.4617

■ 0.0000, 0.0000,
0.0000

■ 227.7890, 13.4150,
-9.4620

■ 252.3090, 1.3267,

-5.5330

■ 71.9460, 15.3096,
-10.4766

■ 71.9460, 15.3096,
-10.4766

■ 64.8470, 18.8094,
-13.0208

■ 79.0450, 11.8098,
-7.9325

■ 56.8620, 22.7460,
-15.6650

■ 87.0300, 7.8732,
-5.2883

■ 49.7630, 26.2458,
-18.2092

■ 94.1290, 4.3734,
-2.7441

■ 42.0770, 30.0350,
-20.2385

■ 101.8150, 0.5842,
-0.7148

■ 34.6790, 33.6823,
-23.3975

■ 109.2130, -3.0630,
2.4442

■ 28.7650, 36.5979,
-25.2269

■ 116.8990, -6.8522,
4.4736

■ 123.9980,
-10.3520, 7.0178

■ 131.0970,
-13.8518, 9.5619

■ 139.0820,
-17.7884, 12.2061

Harmonies

Analogous

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



66.9930, 17.2585, -28.9349



71.9460, 15.3096, -10.4766



74.2040, 10.7454, 6.8371

Triad

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



71.9460, 15.3096, -10.4766



73.2220, -9.9694, 24.3613



65.9880, -1.9661, -22.7915

Complementary

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



71.9460, 15.3096, -10.4766



91.0540, -15.3096, 10.4766

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.



69.3120, -10.0138, -8.1666



71.9460, 15.3096, -10.4766



72.0270, -14.3103, 16.6393

Square

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



71.9460, 15.3096, -10.4766



73.6550, -3.2809, 25.7356



71.2490, -14.4198, 5.0436



62.1200, 7.8288, -37.8162

Rectangle

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



71.9460, 15.3096, -10.4766



74.8200, 6.4977, 15.9439



71.2490, -14.4198, 5.0436



67.5110, -5.1819, -17.9881

Sweetspot

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



71.9460, 15.3096, -10.4766



122.2860, 6.2680, -3.7588



88.7750, 1.0969, -25.2357



61.0150, 3.9366, -2.6442



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



71.9460, 15.3096, -10.4766



86.2040, 24.0564, -15.9649



67.5930, 17.4557, 1.2339



47.1570, 1.8946, -1.0147



31.8940, 40.9713, -27.9710



67.5040, 86.0265, -59.2010

Inverse Universe

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



74.2250, -1.0969, 25.2357



90.0850, -2.0139, 39.3905



95.4070, -17.4557, -1.2339



47.6090, -0.3002, 2.9739



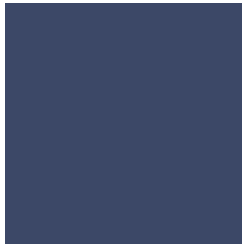
38.0330, -2.9743, 67.5001



80.1100, -5.9702, 141.9775

Previews

White Background



This preview shows how the YUV color 71.9460, 15.3096, -10.4766 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 71.9460, 15.3096, -10.4766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

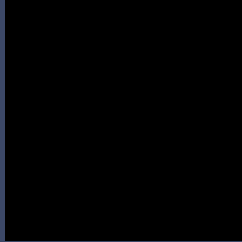
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.9460, 15.3096, -10.4766

Background



This preview shows how black text looks on a background with the YUV color 71.9460, 15.3096, -10.4766.



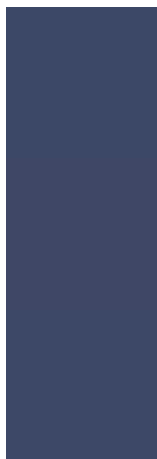
This preview shows how white text looks on a background with the YUV color 71.9460, 15.3096, -10.4766.

-10.4766.

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

71.9460, 15.3096, -10.4766

Protanopia

72.1420, 14.7200, -8.0175

Deuteranopia

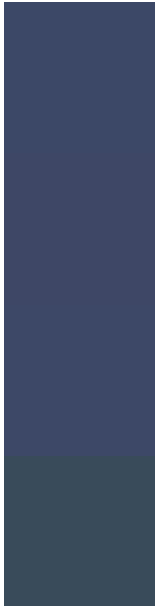
72.2450, 15.1622, -9.8619



Tritanopia

70.4050, 5.7163, -13.5102

Trichromacy



Original Color

71.9460, 15.3096, -10.4766

Protanomaly

71.8430, 14.8674, -8.6323

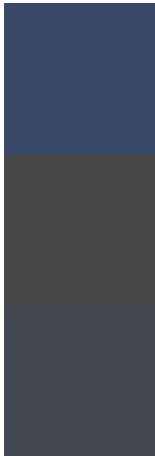
Deuteranomaly

72.2450, 15.1622, -9.8619

Tritanomaly

71.3280, 9.2053, -12.5657

Monochromacy



Original Color

71.9460, 15.3096, -10.4766

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.0580, 5.3944, -3.5589

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.9460, 15.3096, -10.4766 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(60, 72, 103)` looks like.

```
.text, #text, p{  
    color:rgb(60, 72, 103)  
}
```

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(60, 72, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 72, 103) }
```

Border

The CSS property to change the border of an element to YUV 71.9460, 15.3096, -10.4766 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(60, 72, 103) }
```


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

```
.border{ border-color:rgb(60, 72, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 72, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 72, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 72, 103);  
box-shadow:4px 4px 4px 4px rgb(60, 72,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 71.9460, 15.3096, -10.4766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 72, 103) }
```

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

```
.background{ background-color: rgb(60, 72,  
103) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor