

Converting Colors

YUV(70.6510, -0.8139, -18.9879)

Have a look what the booklet for
YUV(70.6510, -0.8139, -18.9879)
contains.

YUV(70.6510, -0.8139, -18.9879)	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(70.6510, -0.8139,
-18.9879)**

Conversions

Conversions Part 1

Format	Color
Hex	315245
RGB	49, 82, 69
RGB Percent	19%, 32%, 27%
CMY	0.8078, 0.6784, 0.7294
CMYK	0.40, 0.00, 0.16, 0.68
HSL	156°, 25%, 26%
HSV	156°, 40%, 32%
XYZ	5.3581, 7.1172, 6.7216
YIQ	70.6510, -15.4950, -11.0390

Conversions

Conversions Part 2

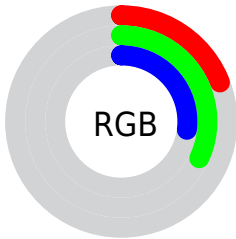
Format	Color
R_{YB}	49, 70, 82
Decimal	3232325
CIE _{Lab}	32.07, -15.49, 3.84
CIE _{LCh}	32, 15.960, 166.079
Y _{xy}	7.1172, 0.2791, 0.3707
Android (android.graphics.Color)	4281422405 (0xFF315245)
Y _{UV}	70.6510, -0.8139, -18.9879
Hunter-Lab	26.6781, -10.8364, 3.7365

Details


The YUV color **70.6510, -0.8139, -18.9879** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **60.3490, 0.8139, 18.9879**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.8250, -1.3927, -20.0175**, and **25.8790, 0.0597, -19.1879** is the 20% darker color. If you saturate the color by 10%, you get **67.9170, -0.9451, -23.6062**, and if you desaturate by 10%, it is **73.3850, -0.6828, -14.3696**.

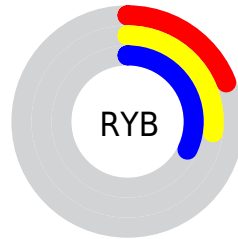
Distribution



 Red (19%)

 Green (32%)

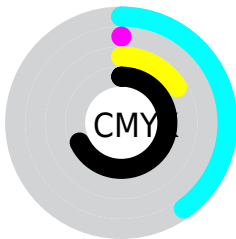
 Blue (27%)




 Red (19%)

 Yellow (27%)

 Blue (32%)

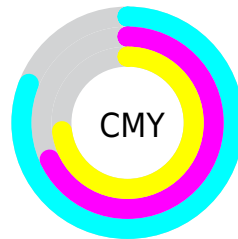



 Cyan (40%)


 Magenta (0%)

 Yellow (16%)

 Black (68%)



 Cyan (81%)

 Magenta (68%)

 Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.6510, -0.8139, -18.9879 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 70.6510, -0.8139, -18.9879 by changing the saturation by 10% instead.

70.6510, -0.8139,
-18.9879

70.6510, -0.8139,
-18.9879

255.0000, 0.0000,
0.0000

47.7650, -0.3771,
-19.0879

119.8250, -1.3927,
-20.0175

25.8790, 0.0597,
-19.1879

145.5260, -1.2453,
-20.6323

8.2180, -4.0515,
-7.2072

172.1130, -1.5347,
-21.1471

0.0000, 0.0000,
0.0000

199.1130, -1.5347,
-21.1471

227.7000, -1.8241,
-21.6619

247.5960, 2.6642,

-14.5547

■ 70.6510, -0.8139,
-18.9879

■ 70.6510, -0.8139,
-18.9879

■ 67.9170, -0.9451,
-23.6062

■ 73.3850, -0.6828,
-14.3696

■ 65.1830, -1.0762,
-28.2245

■ 76.1190, -0.5517,
-9.7514

■ 62.0360, -1.4967,
-33.3576

■ 79.2660, -0.1311,
-4.6183

■ 59.3020, -1.6279,
-37.9759

■ 82.0000, 0.0000,
0.0000

■ 56.5680, -1.7590,
-42.5941

■ 84.7340, 0.1311,
4.6183

■ 53.8340, -1.8902,
-47.2124

■ 87.4680, 0.2623,
9.2366

■ 90.3160, 0.8302,
13.7549

■ 93.3490, 0.8139,
18.9879

■ 96.0830, 0.9451,
23.6062

Harmonies

Analogous

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



72.4090, -7.1036, -8.2517



70.6510, -0.8139, -18.9879



68.8440, 6.4859, -27.0502

Triad

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



70.6510, -0.8139, -18.9879



75.3550, 11.6570, -5.5733



76.4170, -9.0796, 18.9283

Complementary

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



70.6510, -0.8139, -18.9879



60.3490, 0.8139, 18.9879

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.



76.8070, -3.8489, 21.2173



70.6510, -0.8139, -18.9879



77.4060, 7.6878, 7.5369

Square

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



70.6510, -0.8139, -18.9879



72.3210, 13.1527, -18.6985



77.6800, 2.1298, 16.9436



75.5750, -12.1155, 12.6507

Rectangle

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



70.6510, -0.8139, -18.9879



69.1580, 10.2751, -29.0796



77.6800, 2.1298, 16.9436



76.7700, -7.7746, 20.3727

Sweetspot

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



70.6510, -0.8139, -18.9879



102.5430, -0.2677, -7.4922



72.2580, -11.4662, -8.9963



51.2660, -0.1311, -4.6183



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



70.6510, -0.8139, -18.9879



89.4710, -1.2182, -29.3541



70.3720, 5.7326, -18.7432



39.5760, -0.2840, -2.2592



68.8170, -2.8678, -60.3525



152.2580, -5.5502, -133.5303

Inverse Universe

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



60.3490, 0.8139, 18.9879



73.5290, 1.2182, 29.3541



60.6280, -5.7326, 18.7432



38.3100, -0.1528, 2.3591



36.0690, 2.4310, 60.4525



79.7420, 5.5502, 133.5303

Previews

White Background



This preview shows how the YUV color 70.6510, -0.8139, -18.9879 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 70.6510, -0.8139, -18.9879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

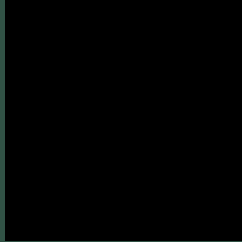
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.6510, -0.8139, -18.9879

Background



This preview shows how black text looks on a background with the YUV color 70.6510, -0.8139, -18.9879.



This preview shows how white text looks on a background with the YUV color 70.6510, -0.8139,

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

70.6510, -0.8139, -18.9879

Protanopia

75.0560, -4.9576, 3.4589

Deuteranopia

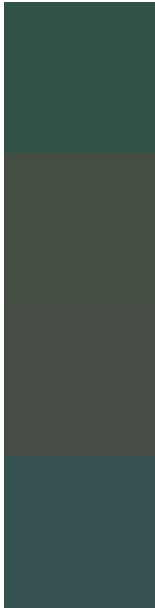
76.0610, -2.4951, 6.9625



Tritanopia

72.6110, 6.6008, -17.1988

Trichromacy



Original Color

70.6510, -0.8139, -18.9879

Protanomaly

73.6420, -3.7675, -4.9480

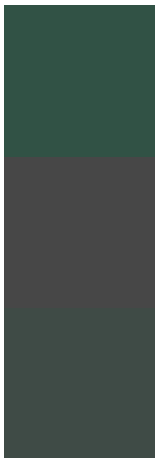
Deuteranomaly

73.8210, -1.8838, -2.4740

Tritanomaly

72.2150, 3.8380, -17.7286

Monochromacy



Original Color

70.6510, -0.8139, -18.9879

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.8420, -0.4151, -6.8774

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.6510, -0.8139, -18.9879 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(49, 82, 69)` looks like.

```
.text, #text, p{  
    color:rgb(49, 82, 69)  
}
```

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(49, 82, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 82, 69) }
```

Border

The CSS property to change the border of an element to YUV 70.6510, -0.8139, -18.9879 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(49, 82, 69) }
```


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

```
.border{ border-color:rgb(49, 82, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 82, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 82, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 82, 69);  
box-shadow:4px 4px 4px 4px rgb(49, 82, 69)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.6510, -0.8139, -18.9879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 82, 69) }
```

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

```
.background{ background-color: rgb(49, 82,  
69) }
```

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