

Converting Colors

YUV(79.6510, -0.8139, -18.9879)

Have a look what the booklet for
YUV(79.6510, -0.8139, -18.9879)
contains.

YUV(79.6510, -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(79.6510, -0.8139,
-18.9879)**

Conversions

Conversions Part 1

Format	Color
Hex	3A5B4E
RGB	58, 91, 78
RGB Percent	23%, 36%, 31%
CMY	0.7725, 0.6431, 0.6941
CMYK	0.36, 0.00, 0.14, 0.64
HSL	156°, 22%, 29%
HSV	156°, 36%, 36%
XYZ	6.8612, 8.9318, 8.5701
YIQ	79.6510, -15.4950, -11.0390

Conversions

Conversions Part 2

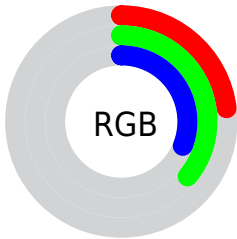
Format	Color
RYB	58, 79, 91
Decimal	3824462
CIELab	35.85, -15.31, 3.69
CIELCh	36, 15.752, 166.454
Yxy	8.9318, 0.2816, 0.3666
Android (android.graphics.Color)	4282014542 (0xFF3A5B4E)
YUV	79.6510, -0.8139, -18.9879
Hunter-Lab	29.8861, -11.3211, 3.9183

Details

The YUV color **79.6510, -0.8139, -18.9879** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **69.3490, 0.8139, 18.9879**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.9390, -0.9559, -20.1175**, and **33.8790, 0.0597, -19.1879** is the 20% darker color. If you saturate the color by 10%, you get **76.5040, -1.2345, -24.1210**, and if you desaturate by 10%, it is **82.7980, -0.3934, -13.8548**.

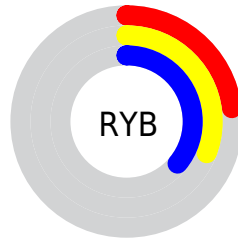
Distribution



 Red (23%)

 Green (36%)

 Blue (31%)




 Red (23%)

 Yellow (31%)

 Blue (36%)

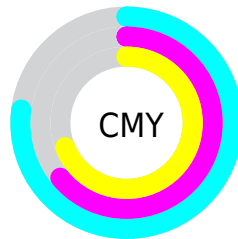


 Cyan (36%)

 Magenta (0%)

 Yellow (14%)

 Black (64%)



 Cyan (77%)

 Magenta (64%)

 Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.6510, -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 79.6510, -0.8139, -18.9879 by changing the saturation by 10% instead.

■ 79.6510, -0.8139,
-18.9879

■ 79.6510, -0.8139,
-18.9879

■ 255.0000, 0.0000,
0.0000

■ 56.0640, -0.5246,
-18.4731

■ 128.9390, -0.9559,
-20.1175

■ 33.8790, 0.0597,
-19.1879

■ 155.5260, -1.2453,
-20.6323

■ 16.0430, -1.9932,
-14.0697

■ 182.2270, -1.0979,
-21.2471

■ 0.0000, 0.0000,
0.0000

■ 210.1130, -1.5347,
-21.1471

■ 238.7000, -1.8241,
-21.6619

■ 251.1130, 1.9163,

-7.9921

■ 79.6510, -0.8139,
-18.9879

■ 79.6510, -0.8139,
-18.9879

■ 76.5040, -1.2345,
-24.1210

■ 82.7980, -0.3934,
-13.8548

■ 73.4710, -1.2182,
-29.3541

■ 85.8310, -0.4097,
-8.6218

■ 70.3240, -1.6387,
-34.4871

■ 88.9780, 0.0108,
-3.4887

■ 67.2910, -1.6225,
-39.7202

■ 92.0110, -0.0054,
1.7444

■ 63.8450, -1.8956,
-45.4681

■ 95.4570, 0.2677,
7.4922

■ 60.6980, -2.3161,
-50.6011

■ 98.6040, 0.6882,
12.6253

■ 59.6870, -2.3107,
-52.3455

■ 101.6370, 0.6720,
17.8584

■ 104.7840, 1.0925,
22.9914

■ 107.8170, 1.0762,
28.2245

Harmonies

Analogous

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



81.4090, -7.1036, -8.2517



79.6510, -0.8139, -18.9879



78.1430, 6.3385, -26.4354

Triad

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



79.6510, -0.8139, -18.9879



84.3550, 11.6570, -5.5733



85.4170, -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.



79.6510, -0.8139, -18.9879



69.3490, 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.



85.8070, -3.8489, 21.2173



79.6510, -0.8139, -18.9879



86.4060, 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.



79.6510, -0.8139, -18.9879



81.7340, 13.4421, -18.1837



86.6800, 2.1298, 16.9436



84.5750, -12.1155, 12.6507

Rectangle

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



79.6510, -0.8139, -18.9879



78.7560, 9.9803, -27.8500



86.6800, 2.1298, 16.9436



85.7700, -7.7746, 20.3727

Sweetspot

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



79.6510, -0.8139, -18.9879



112.5430, -0.2677, -7.4922



81.2580, -11.4662, -8.9963



56.2660, -0.1311, -4.6183



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



79.6510, -0.8139, -18.9879



99.4710, -1.2182, -29.3541



79.3720, 5.7326, -18.7432



44.2770, -0.1366, -2.8739



72.0940, -3.0043, -63.2264



155.5350, -5.6868, -136.4042

Inverse Universe

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



69.3490, 0.8139, 18.9879



83.5290, 1.2182, 29.3541



69.6280, -5.7326, 18.7432



42.7230, 0.1366, 2.8739



37.7920, 2.5675, 63.3264



81.4650, 5.6868, 136.4042

Previews

White Background



This preview shows how the YUV color 79.6510, -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 79.6510, -0.8139, -18.9879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

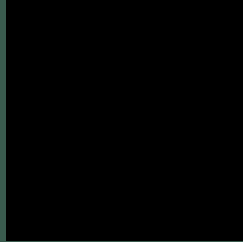
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.6510, -0.8139, -18.9879

Background



This preview shows how black text looks on a background with the YUV color 79.6510, -0.8139, -18.9879.



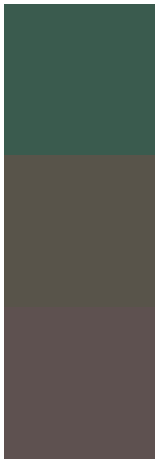
This preview shows how white text looks on a background with the YUV color 79.6510, -0.8139,

-18.9879.

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

79.6510, -0.8139, -18.9879

Protanopia

84.0560, -4.9576, 3.4589

Deuteranopia

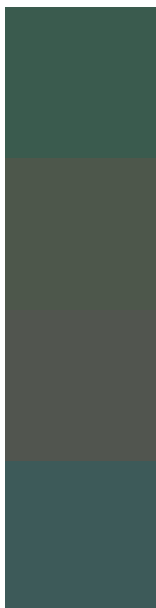
84.7730, -2.3531, 8.0921



Tritanopia

81.7250, 7.0376, -17.2988

Trichromacy



Original Color

79.6510, -0.8139, -18.9879

Protanomaly

82.6420, -3.7675, -4.9480

Deuteranomaly

83.1200, -2.0312, -1.8592

Tritanomaly

81.2150, 3.8380, -17.7286

Monochromacy



Original Color

79.6510, -0.8139, -18.9879

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.8420, -0.4151, -6.8774

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.6510, -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(58, 91, 78)` looks like.

```
.text, #text, p{  
    color:rgb(58, 91, 78)  
}
```

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(58, 91, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 91, 78) }
```

Border

The CSS property to change the border of an element to YUV 79.6510, -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(58, 91, 78) }
```


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

```
.border{ border-color:rgb(58, 91, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 91, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 91, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 91, 78);  
box-shadow:4px 4px 4px 4px rgb(58, 91, 78)  
}
```

Background

The CSS property to change the background color of an element to YUV 79.6510, -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(58, 91, 78) }
```

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

```
.background{ background-color: rgb(58, 91,  
78) }
```

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