

Converting Colors

YUV(79.8460, 26.6979,
-70.0249)

Have a look what the booklet for
YUV(79.8460, 26.6979, -70.0249)
contains.

YUV(79.8460, 26.6979, -70.0249)	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(79.8460, 26.6979,
-70.0249)**

Conversions

Conversions Part 1

Format	Color
Hex	006E86
RGB	0, 110, 134
RGB Percent	0%, 43%, 53%
CMY	1.0000, 0.5686, 0.4745
CMYK	1.00, 0.18, 0.00, 0.47
HSL	191°, 100%, 26%
HSV	191°, 100%, 53%
XYZ	9.8790, 12.8731, 24.5183
YIQ	79.8460, -73.2640, -15.8560

Conversions

Conversions Part 2

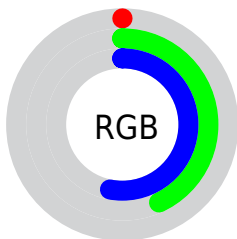
Format	Color
RYB	0, 60, 134
Decimal	28294
CIELab	42.57, -17.38, -20.69
CIELCh	43, 27.020, 229.977
Yxy	12.8731, 0.2090, 0.2723
Android (android.graphics.Color)	4278218374 (0xFF006E86)
YUV	79.8460, 26.6979, -70.0249
Hunter-Lab	35.8791, -13.6399, -15.4010

Details

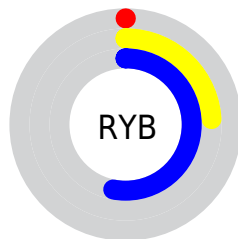
The YUV color **79.8460, 26.6979, -70.0249** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **54.1540, -26.6979, 70.0249**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.3320, 23.0073, -52.9112**, and **45.9700, 18.7488, -40.3157** is the 20% darker color. If you saturate the color by 10%, you get **79.8460, 26.6979, -70.0249**, and if you desaturate by 10%, it is **84.9070, 24.2028, -63.0624**.

Distribution



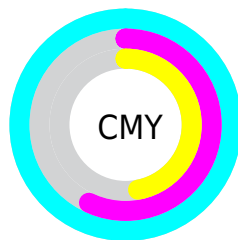
- Red (0%)
- Green (43%)
- Blue (53%)



- Red (0%)
- Yellow (24%)
- Blue (53%)



- Cyan (100%)
- Magenta (18%)
- Yellow (0%)
- Black (47%)



- Cyan (100%)
- Magenta (57%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.8460, 26.6979, -70.0249 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 79.8460, 26.6979, -70.0249 by changing the saturation by 10% instead.

■ 79.8460, 26.6979,
-70.0249

■ 79.8460, 26.6979,
-70.0249

■ 255.0000, 0.0000,
0.0000

■ 62.9080, 22.7234,
-55.1703

■ 140.3320, 23.0073,
-52.9112

■ 45.9700, 18.7488,
-40.3157

■ 168.0440, 23.1493,
-51.7816

■ 30.4340, 15.0690,
-26.6906

■ 196.3430, 23.0019,
-51.1668

■ 15.0120, 11.8261,
-13.1655

■ 222.8180, 15.8657,
-48.9524

■ 2.6390, 7.5730,
-2.3144

■ 237.3590, 8.6970,
-36.2718

■ 0.0000, 0.0000,
0.0000

■ 246.0300, 4.4222,

-18.4433

■ 79.8460, 26.6979,
-70.0249

■ 84.9070, 24.2028,
-63.0624

■ 90.8540, 21.2710,
-56.0000

■ 95.9150, 18.7759,
-49.0375

■ 101.8620, 15.8440,
-41.9750

■ 106.9230, 13.3490,
-35.0125

■ 111.9840, 10.8539,
-28.0500

■ 117.9310, 7.9220,
-20.9875

■ 122.9920, 5.4269,
-14.0250

■ 128.9390, 2.4951,
-6.9625

Harmonies

Analogous

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



78.8540, 17.8200, -69.1550



79.8460, 26.6979, -70.0249



93.8980, 24.7003, -35.8675

Triad

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



79.8460, 26.6979, -70.0249



103.2950, 2.8126, 31.3133



97.5600, -19.5031, 2.1399

Complementary

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



79.8460, 26.6979, -70.0249



54.1540, -26.6979, 70.0249

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.



99.8010, -21.5939, 19.4685



79.8460, 26.6979, -70.0249



102.1680, -7.9708, 36.6867

Square

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



79.8460, 26.6979, -70.0249



103.1280, 12.7549, 15.6737



100.8440, -16.6851, 31.7088



94.2030, -11.4391, -17.7180

Rectangle

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



79.8460, 26.6979, -70.0249



99.0360, 22.1673, -16.6946



100.8440, -16.6851, 31.7088



98.5500, -20.9771, 8.2877

Sweetspot

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



79.8460, 26.6979, -70.0249



152.1690, 10.2697, -27.3352



81.1660, -29.1688, -71.1826



73.9100, 6.4534, -16.5841



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



79.8460, 26.6979, -70.0249



103.0760, 34.4725, -90.3977



41.6910, 45.5083, -36.5630



63.6190, 1.1738, -3.1739



77.6290, 25.8189, -68.0806



1.5160, 0.7316, -1.3295

Inverse Universe

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



52.6060, 28.2952, 71.3825



67.9150, 36.5239, 92.1595



92.3090, -45.5083, 36.5630



62.3640, 1.2995, 3.1888



51.0680, 27.5745, 69.2234



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 79.8460, 26.6979, -70.0249 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 × Fail

Black Background



This preview shows how the YUV color 79.8460, 26.6979, -70.0249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

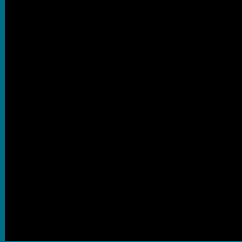
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.8460, 26.6979, -70.0249

Background



This preview shows how black text looks on a background with the YUV color 79.8460, 26.6979, -70.0249.



This preview shows how white text looks on a background with the YUV color 79.8460, 26.6979, -70.0249.

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

79.8460, 26.6979, -70.0249

Protanopia

100.5830, 12.5306, -5.7733

Deuteranopia

100.6410, 17.9250, -9.3322



Tritanopia

79.4240, 20.0040, -69.6548

Trichromacy



Original Color

79.8460, 26.6979, -70.0249

Protanomaly

93.1070, 17.6952, -29.0348

Deuteranomaly

93.0080, 21.1951, -31.5790

Tritanomaly

79.4070, 22.4773, -69.6399

Monochromacy



Original Color

79.8460, 26.6979, -70.0249

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.0660, 9.8275, -25.4909

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.8460, 26.6979, -70.0249 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(0, 110, 134)` looks like.

```
.text, #text, p{  
    color:rgb(0, 110, 134)  
}
```

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(0, 110, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 110, 134) }
```

Border

The CSS property to change the border of an element to YUV 79.8460, 26.6979, -70.0249 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(0, 110, 134) }
```


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

```
.border{ border-color:rgb(0, 110, 134) }
```

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

Here you see how a box with a 4 pixel rgb(0, 110, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 110, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 110, 134);  
box-shadow:4px 4px 4px 4px rgb(0, 110,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 79.8460, 26.6979, -70.0249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 110, 134) }
```

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

```
.background{ background-color: rgb(0, 110,  
134) }
```

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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