

Converting Colors

YUV(79.3340, 26.9503,
-10.8169)

Have a look what the booklet for
YUV(79.3340, 26.9503, -10.8169)
contains.

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Color

**YUV(79.3340, 26.9503,
-10.8169)**

Conversions

Conversions Part 1

Format	Color
Hex	434B86
RGB	67, 75, 134
RGB Percent	26%, 29%, 53%
CMY	0.7373, 0.7059, 0.4745
CMYK	0.50, 0.44, 0.00, 0.47
HSL	233°, 33%, 39%
HSV	233°, 50%, 53%
XYZ	9.1339, 7.9467, 23.6067
YIQ	79.3340, -23.7070, 16.6530

Conversions

Conversions Part 2

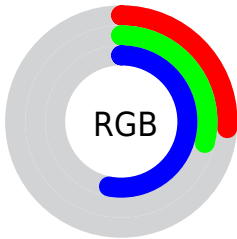
Format	Color
RYB	67, 74, 134
Decimal	4410246
CIELab	33.87, 14.06, -34.16
CIELCh	34, 36.943, 292.366
Yxy	7.9467, 0.2245, 0.1953
Android (android.graphics.Color)	4282600326 (0xFF434B86)
YUV	79.3340, 26.9503, -10.8169
Hunter-Lab	28.1898, 8.5042, -29.9177

Details

The YUV color **79.3340, 26.9503, -10.8169** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **121.6660, -26.9503, 10.8169**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.8010, 28.6921, -9.4725**, and **31.0510, 26.1039, -19.3387** is the 20% darker color. If you saturate the color by 10%, you get **68.4030, 32.3393, -12.6314**, and if you desaturate by 10%, it is **90.2650, 21.5614, -9.0024**.

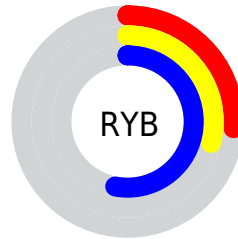
Distribution



Red (26%)

Green (29%)

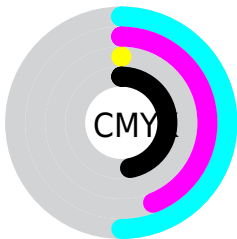
Blue (53%)



Red (26%)

Yellow (29%)

Blue (53%)

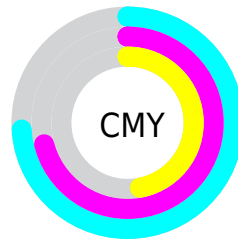


Cyan (50%)

Magenta (44%)

Yellow (0%)

Black (47%)



Cyan (74%)

Magenta (71%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.3340, 26.9503, -10.8169 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 79.3340, 26.9503, -10.8169 by changing the saturation by 10% instead.

■ 79.3340, 26.9503,
-10.8169

■ 79.3340, 26.9503,
-10.8169

■ 255.0000, 0.0000,
0.0000

■ 55.6820, 25.7928,
-12.8761

■ 129.8010, 28.6921,
-9.4725

■ 31.0510, 26.1039,
-19.3387

■ 155.7410, 29.7077,
-8.5429

■ 11.5360, 23.8928,
-10.1171

■ 182.8550, 30.1445,
-8.6428

■ 5.5060, 16.0195,
-4.8288

■ 208.3300, 23.0083,
-6.4284

■ 2.2970, 6.2626,
-2.0145

■ 233.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 79.3340, 26.9503,
-10.8169

■ 79.3340, 26.9503,
-10.8169

■ 68.4030, 32.3393,
-12.6314

■ 90.2650, 21.5614,
-9.0024

■ 57.1730, 37.8757,
-15.0607

■ 101.4950, 16.0250,
-6.5731

■ 46.8290, 42.9753,
-17.3900

■ 111.8390, 10.9254,
-4.2438

■ 35.5990, 48.5117,
-19.8193

■ 123.0690, 5.3890,
-1.8145

■ 24.6680, 53.9007,
-21.6338

■ 134.0000, 0.0000,
0.0000

■ 144.9310, -5.3890,
1.8145

■ 156.1610,
-10.9254, 4.2438

■ 166.5050,

-16.0250, 6.5731

■ 177.7350,
-21.5614, 9.0024

Harmonies

Analogous

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



65.6270, 35.6799, -57.5549



79.3340, 26.9503, -10.8169



82.4970, 16.5170, 22.3661

Triad

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



79.3340, 26.9503, -10.8169



77.9220, -21.6535, 38.6564



62.6850, 4.0993, -54.9747

Complementary

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



79.3340, 26.9503, -10.8169



121.6660, -26.9503, 10.8169

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.



68.6810, -13.1537, -27.7842



79.3340, 26.9503, -10.8169



77.0480, -29.6037, 21.8829

Square

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



79.3340, 26.9503, -10.8169



78.1910, -9.4612, 48.0675



74.3010, -26.7704, -0.2640



66.6920, 16.9138, -58.4889

Rectangle

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



79.3340, 26.9503, -10.8169



81.1200, 8.3218, 37.6058



74.3010, -26.7704, -0.2640



61.5450, -0.2687, -53.9750

Sweetspot

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



79.3340, 26.9503, -10.8169



151.7250, 10.4886, -4.1438



112.9410, 5.9451, -40.2903



73.9980, 6.4100, -2.6292



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.



79.3340, 26.9503, -10.8169



88.4870, 41.6649, -17.0901



82.1130, 25.5803, 8.6709



60.6840, 2.6208, -0.5999



24.2120, 52.1535, -21.2339



0.3420, 1.3104, -0.2999

Inverse Universe

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



87.9450, -6.3819, 40.3902



101.5780, -9.6520, 62.6371



118.8870, -25.5803, -8.6709



61.7940, -0.8844, 3.6887



40.6940, -12.1741, 78.3214



0.8970, -0.4422, 1.8443

Previews

White Background



This preview shows how the YUV color 79.3340, 26.9503, -10.8169 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 79.3340, 26.9503, -10.8169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

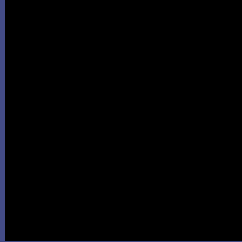
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.3340, 26.9503, -10.8169

Background



This preview shows how black text looks on a background with the YUV color 79.3340, 26.9503, -10.8169.



This preview shows how white text looks on a background with the YUV color 79.3340, 26.9503,

-10.8169.

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

79.3340, 26.9503, -10.8169

Protanopia

77.4360, 28.8721, -20.5534

Deuteranopia

75.2780, 28.4569, -27.4308



Tritanopia

76.4150, 7.1904, -19.6580

Trichromacy



Original Color

79.3340, 26.9503, -10.8169

Protanomaly

78.2300, 27.9876, -16.8647

Deuteranomaly

76.4960, 27.8565, -21.4830

Tritanomaly

77.3860, 14.5997, -16.1245

Monochromacy



Original Color

79.3340, 26.9503, -10.8169

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

79.4970, 9.6150, -3.9439

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.3340, 26.9503, -10.8169 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(67, 75, 134)` looks like.

```
.text, #text, p{  
    color:rgb(67, 75, 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(67, 75, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 75, 134) }
```

Border

The CSS property to change the border of an element to YUV 79.3340, 26.9503, -10.8169 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(67, 75, 134) }
```


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

```
.border{ border-color:rgb(67, 75, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 75, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 75, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 75, 134);  
box-shadow:4px 4px 4px 4px rgb(67, 75,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 79.3340, 26.9503, -10.8169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 75, 134) }
```

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

```
.background{ background-color: rgb(67, 75,  
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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