

Converting Colors

YUV(83.3680, 24.9616,
-73.1137)

Have a look what the booklet for
YUV(83.3680, 24.9616, -73.1137)
contains.

YUV(83.3680, 24.9616, -73.1137)	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(83.3680, 24.9616,
-73.1137)**

Conversions

Conversions Part 1

Format	Color
Hex	007486
RGB	0, 116, 134
RGB Percent	0%, 45%, 53%
CMY	1.0000, 0.5451, 0.4745
CMYK	1.00, 0.13, 0.00, 0.47
HSL	188°, 100%, 26%
HSV	188°, 100%, 53%
XYZ	10.5485, 14.2120, 24.7415
YIQ	83.3680, -74.9140, -18.9940

Conversions

Conversions Part 2

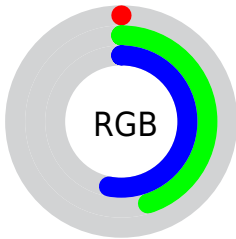
Format	Color
RYB	0, 62, 134
Decimal	29830
CIELab	44.54, -20.65, -17.67
CIELCh	45, 27.178, 220.562
Yxy	14.2120, 0.2131, 0.2871
Android (android.graphics.Color)	4278219910 (0xFF007486)
YUV	83.3680, 24.9616, -73.1137
Hunter-Lab	37.6988, -16.0270, -12.5225

Details

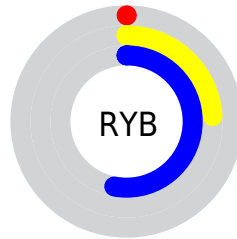
The YUV color **83.3680, 24.9616, -73.1137** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **50.6320, -24.9616, 73.1137**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.1530, 21.1236, -55.3852**, and **48.9050, 17.3018, -42.8897** is the 20% darker color. If you saturate the color by 10%, you get **83.3680, 24.9616, -73.1137**, and if you desaturate by 10%, it is **88.4290, 22.4665, -66.1512**.

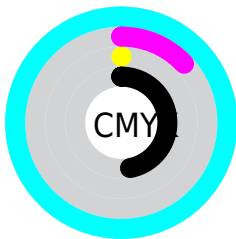
Distribution



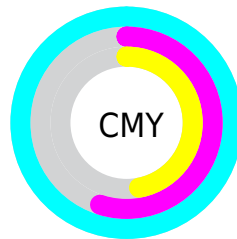
- Red (0%)
- Green (45%)
- Blue (53%)



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



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (47%)



- Cyan (100%)
- Magenta (55%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.3680, 24.9616, -73.1137 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 83.3680, 24.9616, -73.1137 by changing the saturation by 10% instead.

83.3680, 24.9616,
-73.1137

83.3680, 24.9616,
-73.1137

255.0000, 0.0000,
0.0000

65.8430, 21.2764,
-57.7443

144.1530, 21.1236,
-55.3852

48.9050, 17.3018,
-42.8897

172.4520, 20.9762,
-54.7704

33.3690, 13.6221,
-29.2646

200.7510, 20.8288,
-54.1556

19.7080, 9.5110,
-17.2839

227.2260, 13.6926,
-51.9412

2.6390, 7.5730,
-2.3144

237.6580, 8.5496,
-35.6571

0.0000, 0.0000,
0.0000

246.3290, 4.2748,

-17.8285

■ 83.3680, 24.9616,
-73.1137

■ 88.4290, 22.4665,
-66.1512

■ 93.7890, 19.8240,
-58.5740

■ 98.2630, 17.6183,
-51.0967

■ 103.6230, 14.9759,
-43.5194

■ 108.6840, 12.4808,
-36.5569

■ 113.7450, 9.9857,
-29.5944

■ 119.1050, 7.3432,
-22.0171

■ 123.5790, 5.1376,
-14.5398

■ 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.



88.7370, 11.9617, -56.7743



83.3680, 24.9616, -73.1137



95.9570, 25.1642, -44.6893

Triad

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



83.3680, 24.9616, -73.1137



108.4840, 6.1704, 27.6395



103.1370, -21.2665, 7.7729

Complementary

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



83.3680, 24.9616, -73.1137



50.6320, -24.9616, 73.1137

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.



105.0620, -20.7366, 24.5016



83.3680, 24.9616, -73.1137



107.3790, -4.6238, 36.5016

Square

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



83.3680, 24.9616, -73.1137



108.1810, 15.6868, 8.6113



105.8490, -14.2226, 35.2124



100.3240, -14.9497, -11.6851

Rectangle

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



83.3680, 24.9616, -73.1137



101.7360, 23.7942, -25.2015



105.8490, -14.2226, 35.2124



103.7680, -21.5776, 14.2355

Sweetspot

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



83.3680, 24.9616, -73.1137



153.3430, 9.6909, -28.3648



80.7100, -30.9160, -70.7827



75.0840, 5.8746, -17.6137



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.



83.3680, 24.9616, -73.1137



107.7720, 32.1574, -94.5160



44.0390, 44.3508, -38.6222



63.6190, 1.1738, -3.1739



81.1510, 24.0826, -71.1694



1.5160, 0.7316, -1.3295

Inverse Universe

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



53.2900, 30.9160, 70.7827



68.8270, 40.0183, 91.3597



89.9610, -44.3508, 38.6222



62.3640, 1.2995, 3.1888



51.7520, 30.1953, 68.6235



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 83.3680, 24.9616, -73.1137 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 83.3680, 24.9616, -73.1137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

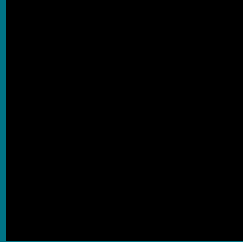
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.3680, 24.9616, -73.1137

Background



This preview shows how black text looks on a background with the YUV color 83.3680, 24.9616, -73.1137.



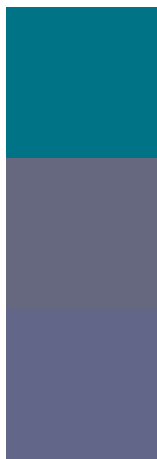
This preview shows how white text looks on a background with the YUV color 83.3680, 24.9616,

-73.1137.

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

83.3680, 24.9616, -73.1137

Protanopia

105.6110, 10.0518, -4.0438

Deuteranopia

105.3810, 15.5882, -6.4731



Tritanopia

83.0430, 21.1778, -72.8287

Trichromacy



Original Color

83.3680, 24.9616, -73.1137

Protanomaly

97.2380, 15.6587, -29.1497

Deuteranomaly

97.4380, 19.0111, -31.0791

Tritanomaly

83.3850, 22.4882, -73.1286

Monochromacy



Original Color

83.3680, 24.9616, -73.1137

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.2400, 9.2487, -26.5205

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.3680, 24.9616, -73.1137 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, 116, 134)` looks like.

```
.text, #text, p{  
    color:rgb(0, 116, 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, 116, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 116, 134) }
```

Border

The CSS property to change the border of an element to YUV 83.3680, 24.9616, -73.1137 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, 116, 134) }
```


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

```
.border{ border-color:rgb(0, 116, 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, 116, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 116, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 116, 134);  
box-shadow:4px 4px 4px 4px rgb(0, 116,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 83.3680, 24.9616, -73.1137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 116, 134) }
```

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

```
.background{ background-color: rgb(0, 116,  
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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