

Converting Colors

YUV(81.7550, 21.3198,
-71.6991)

Have a look what the booklet for
YUV(81.7550, 21.3198, -71.6991)
contains.

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Color

**YUV(81.7550, 21.3198,
-71.6991)**

Conversions

Conversions Part 1

Format	Color
Hex	00737D
RGB	0, 115, 125
RGB Percent	0%, 45%, 49%
CMY	1.0000, 0.5490, 0.5098
CMYK	1.00, 0.08, 0.00, 0.51
HSL	185°, 100%, 25%
HSV	185°, 100%, 49%
XYZ	9.8324, 13.7421, 21.5363
YIQ	81.7550, -71.7500, -21.2700

Conversions

Conversions Part 2

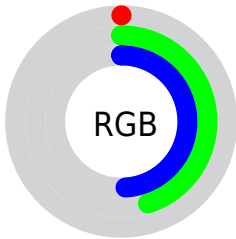
Format	Color
RYB	0, 60, 125
Decimal	29565
CIELab	43.86, -23.30, -13.32
CIELCh	44, 26.843, 209.752
Yxy	13.7421, 0.2180, 0.3046
Android (android.graphics.Color)	4278219645 (0xFF00737D)
YUV	81.7550, 21.3198, -71.6991
Hunter-Lab	37.0704, -17.5285, -8.4957

Details

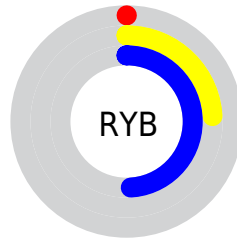
The YUV color **81.7550, 21.3198, -71.6991** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **43.2450, -21.3198, 71.6991**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.9420, 17.7766, -55.2001**, and **47.4060, 14.0968, -41.5751** is the 20% darker color. If you saturate the color by 10%, you get **81.7550, 21.3198, -71.6991**, and if you desaturate by 10%, it is **85.9300, 19.2615, -64.8366**.

Distribution



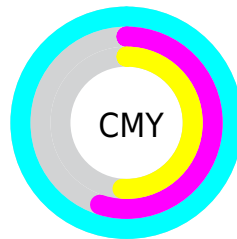
- Red (0%)
- Green (45%)
- Blue (49%)



- Red (0%)
- Yellow (24%)
- Blue (49%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (51%)



- Cyan (100%)
- Magenta (55%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.7550, 21.3198, -71.6991 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 81.7550, 21.3198, -71.6991 by changing the saturation by 10% instead.

81.7550, 21.3198,
-71.6991

81.7550, 21.3198,
-71.6991

255.0000, 0.0000,
0.0000

64.2300, 17.6346,
-56.3297

141.9420, 17.7766,
-55.2001

47.4060, 14.0968,
-41.5751

170.1270, 17.1924,
-54.4854

31.8700, 10.4171,
-27.9500

198.4260, 17.0450,
-53.8706

17.1490, 7.3215,
-15.0397

225.7420, 14.4242,
-53.2707

0.7980, 3.0576,
-0.6998

236.7610, 8.9918,
-37.5014

0.0000, 0.0000,
0.0000

245.4320, 4.7170,

-19.6729

254.4020, 0.2948,
-1.2296

■ 81.7550, 21.3198,
-71.6991

■ 85.9300, 19.2615,
-64.8366

■ 90.4040, 17.0558,
-57.3593

■ 94.8780, 14.8501,
-49.8820

■ 99.0530, 12.7919,
-43.0195

■ 103.5270, 10.5862,
-35.5422

■ 107.7020, 8.5279,
-28.6797

■ 111.8770, 6.4696,
-21.8171

■ 116.3510, 4.2640,
-14.3398

■ 120.8250, 2.0583,
-6.8625

Harmonies

Analogous

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



90.3100, 6.2562, -46.7529



81.7550, 21.3198, -71.6991



90.3040, 25.4861, -54.6406

Triad

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



81.7550, 21.3198, -71.6991



106.3630, 9.6810, 21.6066



101.8820, -21.1408, 14.1355

Complementary

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



81.7550, 21.3198, -71.6991



43.2450, -21.3198, 71.6991

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.



103.3660, -18.4214, 28.6200



81.7550, 21.3198, -71.6991



105.8070, -0.3979, 34.3723

Square

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



81.7550, 21.3198, -71.6991



105.4080, 18.0399, 0.5192



104.7720, -10.7336, 36.1570



99.6840, -17.5922, -4.1079

Rectangle

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



81.7550, 21.3198, -71.6991



97.1970, 24.5529, -35.2528



104.7720, -10.7336, 36.1570



102.9150, -21.1571, 19.3685

Sweetspot

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



81.7550, 21.3198, -71.6991



146.0010, 8.3805, -28.0649



74.2870, -32.6795, -65.1497



71.2690, 5.2904, -16.8989



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



81.7550, 21.3198, -71.6991



106.6320, 27.7894, -93.5163



45.9480, 38.9726, -40.2964



61.3200, 1.3212, -3.7886



83.2710, 22.0514, -73.0287



0.0000, 0.0000, 0.0000

Inverse Universe

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



50.4850, 31.8059, 65.3497



65.8370, 41.4924, 85.2120



79.0520, -38.9726, 40.2964



59.7770, 1.5889, 3.7036



51.6100, 32.2373, 66.9940



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 81.7550, 21.3198, -71.6991 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 81.7550, 21.3198, -71.6991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

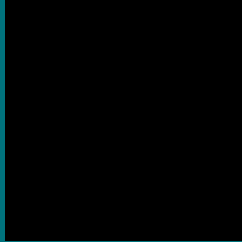
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.7550, 21.3198, -71.6991

Background



This preview shows how black text looks on a background with the YUV color 81.7550, 21.3198, -71.6991.



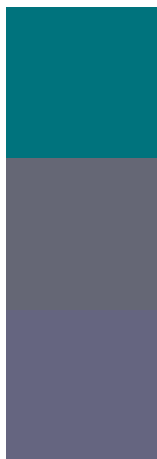
This preview shows how white text looks on a background with the YUV color 81.7550, 21.3198,

-71.6991.

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

81.7550, 21.3198, -71.6991

Protanopia

103.9980, 6.4100, -2.6292

Deuteranopia

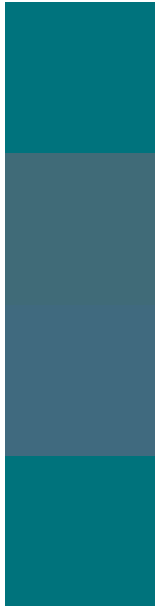
104.0780, 11.7935, -2.6994



Tritanopia

81.6410, 20.8830, -71.5992

Trichromacy



Original Color

81.7550, 21.3198, -71.6991

Protanomaly

95.6250, 12.0169, -27.7351

Deuteranomaly

95.8360, 15.3639, -27.9202

Tritanomaly

81.6410, 20.8830, -71.5992

Monochromacy



Original Color

81.7550, 21.3198, -71.6991

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.8980, 7.9383, -26.2205

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.7550, 21.3198, -71.6991 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, 115, 125)` looks like.

```
.text, #text, p{  
    color:rgb(0, 115, 125)  
}
```

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, 115, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 115, 125) }
```

Border

The CSS property to change the border of an element to YUV 81.7550, 21.3198, -71.6991 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, 115, 125) }
```


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

```
.border{ border-color:rgb(0, 115, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 115, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 115, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 115, 125);  
box-shadow:4px 4px 4px 4px rgb(0, 115,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 81.7550, 21.3198, -71.6991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 115, 125) }
```

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

```
.background{ background-color: rgb(0, 115,  
125) }
```

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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