

Converting Colors

YUV(81.7720, 18.8464,
-71.7140)

Have a look what the booklet for
YUV(81.7720, 18.8464, -71.7140)
contains.

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Color

**YUV(81.7720, 18.8464,
-71.7140)**

Conversions

Conversions Part 1

Format	Color
Hex	007478
RGB	0, 116, 120
RGB Percent	0%, 45%, 47%
CMY	1.0000, 0.5451, 0.5294
CMYK	1.00, 0.03, 0.00, 0.53
HSL	182°, 100%, 24%
HSV	182°, 100%, 47%
XYZ	9.6356, 13.8468, 19.9342
YIQ	81.7720, -70.4200, -23.3480

Conversions

Conversions Part 2

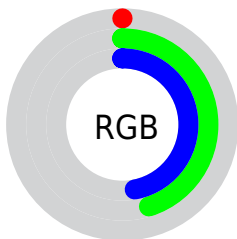
Format	Color
RYB	0, 59, 120
Decimal	29816
CIELab	44.01, -25.53, -10.09
CIELCh	44, 27.458, 201.570
Yxy	13.8468, 0.2219, 0.3189
Android (android.graphics.Color)	4278219896 (0xFF007478)
YUV	81.7720, 18.8464, -71.7140
Hunter-Lab	37.2114, -18.8988, -5.7138

Details

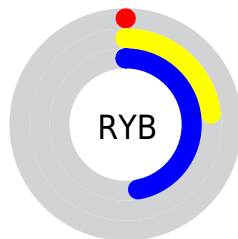
The YUV color **81.7720, 18.8464, -71.7140** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **38.2280, -18.8464, 71.7140**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.8450, 14.8664, -55.1151**, and **47.5370, 12.0603, -41.6899** is the 20% darker color. If you saturate the color by 10%, you get **81.7720, 18.8464, -71.7140**, and if you desaturate by 10%, it is **85.3600, 17.0775, -64.3367**.

Distribution



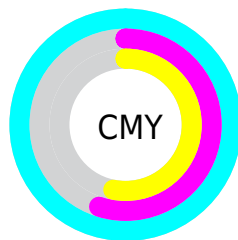
- Red (0%)
- Green (45%)
- Blue (47%)



- Red (0%)
- Yellow (23%)
- Blue (47%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (53%)



- Cyan (100%)
- Magenta (55%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.7720, 18.8464, -71.7140 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 81.7720, 18.8464, -71.7140 by changing the saturation by 10% instead.

81.7720, 18.8464,
-71.7140

81.7720, 18.8464,
-71.7140

255.0000, 0.0000,
0.0000

64.2470, 15.1612,
-56.3446

141.8450, 14.8664,
-55.1151

47.5370, 12.0603,
-41.6899

170.1440, 14.7190,
-54.5003

31.4140, 8.6699,
-27.5501

198.1440, 14.7190,
-54.5003

16.6930, 5.5744,
-14.6398

226.6170, 13.9928,
-54.9151

0.0000, 0.0000,
0.0000

236.4620, 9.1392,
-38.1162

245.1330, 4.8644,

-20.2876

254.1030, 0.4422,
-1.8443

■ 81.7720, 18.8464,
-71.7140

■ 85.3600, 17.0775,
-64.3367

■ 89.5350, 15.0192,
-57.4742

■ 93.1230, 13.2504,
-50.0969

■ 97.2980, 11.1921,
-43.2343

■ 100.8860, 9.4232,
-35.8570

■ 104.4740, 7.6543,
-28.4797

■ 108.6490, 5.5960,
-21.6172

■ 112.2370, 3.8272,
-14.2398

■ 116.4120, 1.7689,
-7.3773

Harmonies

Analogous

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



92.6050, 2.1667, -41.7496



81.7720, 18.8464, -71.7140



84.8570, 26.6925, -68.2806

Triad

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



81.7720, 18.8464, -71.7140



106.8400, 12.8969, 16.8033



102.8010, -21.5939, 19.4685

Complementary

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



81.7720, 18.8464, -71.7140



38.2280, -18.8464, 71.7140

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.



104.6160, -17.5587, 31.9088



81.7720, 18.8464, -71.7140



106.7790, 2.0810, 32.6428

Square

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



81.7720, 18.8464, -71.7140



104.9340, 20.2455, -6.9581



105.3530, -8.5550, 37.4014



100.8480, -19.6451, 1.0103

Rectangle

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



81.7720, 18.8464, -71.7140



94.4840, 25.8904, -44.2745



105.3530, -8.5550, 37.4014



103.6490, -21.0260, 23.9868

Sweetspot

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



81.7720, 18.8464, -71.7140



140.7730, 7.5069, -27.8649



70.8960, -32.9797, -62.1758



70.0410, 4.4168, -16.6990



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



81.7720, 18.8464, -71.7140



105.8340, 24.7318, -92.8164



46.5520, 36.2099, -40.8261



59.2060, 0.8844, -3.6887



85.2770, 19.5834, -74.7879



171.9560, 39.4617, -150.8054

Inverse Universe

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



49.1040, 32.9797, 62.1758



63.7440, 42.5242, 80.9085



73.4480, -36.2099, 40.8261



57.4780, 1.7363, 3.0888



51.1690, 34.4267, 64.7498



103.1640, 69.4321, 130.5292

Previews

White Background



This preview shows how the YUV color 81.7720, 18.8464, -71.7140 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 81.7720, 18.8464, -71.7140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

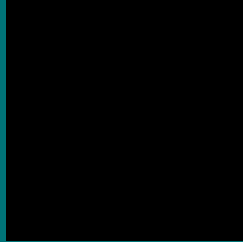
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.7720, 18.8464, -71.7140

Background



This preview shows how black text looks on a background with the YUV color 81.7720, 18.8464, -71.7140.



This preview shows how white text looks on a background with the YUV color 81.7720, 18.8464,

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

81.7720, 18.8464, -71.7140

Protanopia

104.0260, 3.9312, -0.8998

Deuteranopia

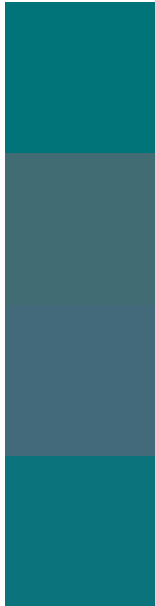
104.4050, 9.1673, -0.3552



Tritanopia

86.8380, 18.8139, -61.2479

Trichromacy



Original Color

81.7720, 18.8464, -71.7140

Protanomaly

96.2400, 9.2487, -26.5205

Deuteranomaly

95.8640, 12.8850, -26.1907

Tritanomaly

84.8160, 18.8247, -64.7366

Monochromacy



Original Color

81.7720, 18.8464, -71.7140

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.6700, 7.0647, -26.0206

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.7720, 18.8464, -71.7140 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, 120)` looks like.

```
.text, #text, p{  
    color:rgb(0, 116, 120)  
}
```

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, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 116, 120) }
```

Border

The CSS property to change the border of an element to YUV 81.7720, 18.8464, -71.7140 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, 120) }
```


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

```
.border{ border-color:rgb(0, 116, 120) }
```

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, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 116, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 116, 120);  
box-shadow:4px 4px 4px 4px rgb(0, 116,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 81.7720, 18.8464, -71.7140 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, 120) }
```

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

```
.background{ background-color: rgb(0, 116,  
120) }
```

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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