

Converting Colors

YUV(79.4410, 17.5306,
-69.6698)

Have a look what the booklet for
YUV(79.4410, 17.5306, -69.6698)
contains.

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Color

**YUV(79.4410, 17.5306,
-69.6698)**

Conversions

Conversions Part 1

Format	Color
Hex	007173
RGB	0, 113, 115
RGB Percent	0%, 44%, 45%
CMY	1.0000, 0.5569, 0.5490
CMYK	1.00, 0.02, 0.00, 0.55
HSL	181°, 100%, 23%
HSV	181°, 100%, 45%
XYZ	8.9996, 13.0481, 18.2639
YIQ	79.4410, -67.9900, -23.3340

Conversions

Conversions Part 2

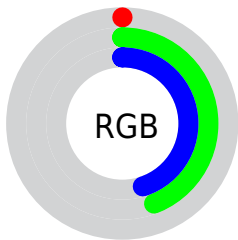
Format	Color
RYB	0, 57, 115
Decimal	29043
CIELab	42.84, -25.71, -8.86
CIELCh	43, 27.192, 199.014
Yxy	13.0481, 0.2233, 0.3237
Android (android.graphics.Color)	4278219123 (0xFF007173)
YUV	79.4410, 17.5306, -69.6698
Hunter-Lab	36.1221, -18.7413, -4.6924

Details

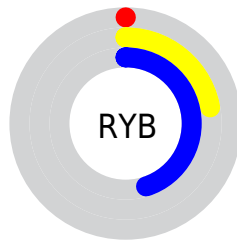
The YUV color **79.4410, 17.5306, -69.6698** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **35.5590, -17.5306, 69.6698**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.9160, 13.8454, -54.3003**, and **45.2060, 10.7444, -39.6457** is the 20% darker color. If you saturate the color by 10%, you get **79.4410, 17.5306, -69.6698**, and if you desaturate by 10%, it is **82.7300, 15.9091, -62.9072**.

Distribution



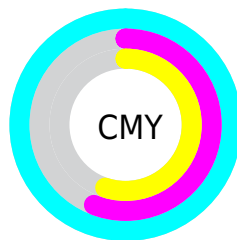
- Red (0%)
- Green (44%)
- Blue (45%)



- Red (0%)
- Yellow (22%)
- Blue (45%)



- Cyan (100%)
- Magenta (2%)
- Yellow (0%)
- Black (55%)



- Cyan (100%)
- Magenta (56%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.4410, 17.5306, -69.6698 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 79.4410, 17.5306, -69.6698 by changing the saturation by 10% instead.

79.4410, 17.5306,
-69.6698

79.4410, 17.5306,
-69.6698

255.0000, 0.0000,
0.0000

61.9160, 13.8454,
-54.3003

138.9160, 13.8454,
-54.3003

45.2060, 10.7444,
-39.6457

167.1010, 13.2612,
-53.5856

29.7840, 7.5015,
-26.1206

195.1010, 13.2612,
-53.5856

14.0030, 5.4215,
-12.2806

223.1010, 13.2612,
-53.5856

0.0000, 0.0000,
0.0000

235.8640, 9.4340,
-39.3457

244.5350, 5.1592,

-21.5172

253.5050, 0.7370,
-3.0739

79.4410, 17.5306,
-69.6698

82.7300, 15.9091,
-62.9072

86.3180, 14.1402,
-55.5299

90.4930, 12.0820,
-48.6674

93.7820, 10.4605,
-41.9048

97.3700, 8.6916,
-34.5275

■ 100.6590, 7.0701,
-27.7649

■ 104.2470, 5.3012,
-20.3876

■ 108.1230, 3.3904,
-14.1399

■ 111.7110, 1.6215,
-6.7625

Harmonies

Analogous

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



90.2740, 0.8509, -39.7053



79.4410, 17.5306, -69.6698



80.4330, 26.4085, -70.5397

Triad

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



79.4410, 17.5306, -69.6698



103.9430, 13.3391, 14.9590



100.2140, -21.3045, 19.9833

Complementary

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



79.4410, 17.5306, -69.6698



35.5590, -17.5306, 69.6698

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.



101.5560, -16.5431, 32.8384



79.4410, 17.5306, -69.6698



103.4090, 3.2494, 31.2133

Square

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



79.4410, 17.5306, -69.6698



101.0370, 20.6878, -8.8024



102.6950, -7.2446, 37.1015



97.8590, -19.6505, 2.7547

Rectangle

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



79.4410, 17.5306, -69.6698



90.7610, 25.7538, -47.1484



102.6950, -7.2446, 37.1015



100.4750, -20.4472, 25.0164

Sweetspot

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



79.4410, 17.5306, -69.6698



136.5450, 6.6333, -27.6650



67.7330, -32.4064, -59.4018



68.0410, 4.4168, -16.6990



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



79.4410, 17.5306, -69.6698



103.9760, 22.6898, -91.1870



45.9820, 34.0259, -40.3262



57.2060, 0.8844, -3.6887



84.3480, 18.5624, -73.9732



172.9020, 38.0093, -151.6351

Inverse Universe

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



47.2670, 32.4064, 59.4018



61.7220, 42.5351, 77.4198



69.0180, -34.0259, 40.3262



55.4780, 1.7363, 3.0888



50.1580, 34.4321, 63.0054



102.7940, 70.6006, 129.0997

Previews

White Background



This preview shows how the YUV color 79.4410, 17.5306, -69.6698 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 79.4410, 17.5306, -69.6698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

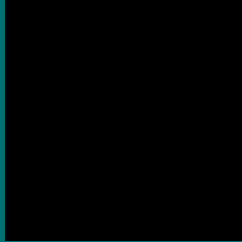
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.4410, 17.5306, -69.6698

Background



This preview shows how black text looks on a background with the YUV color 79.4410, 17.5306, -69.6698.



This preview shows how white text looks on a background with the YUV color 79.4410, 17.5306,

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



Protanopia

101.0970, 2.9102, -0.0851

Deuteranopia

102.0630, 7.8569, -0.0553

Tritanopia

84.9200, 17.7874, -58.6888

Trichromacy



Protanomaly

93.3110, 8.2277, -25.7057

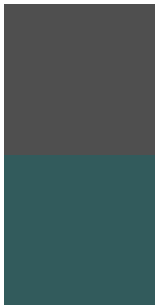
Deuteranomaly

93.8210, 11.4272, -25.2760

Tritanomaly

82.5990, 17.9457, -62.7923

Monochromacy



Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.8550, 6.4805, -25.3058

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.4410, 17.5306, -69.6698 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, 113, 115)` looks like.

```
.text, #text, p{  
    color:rgb(0, 113, 115)  
}
```

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, 113, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 113, 115) }
```

Border

The CSS property to change the border of an element to YUV 79.4410, 17.5306, -69.6698 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, 113, 115) }
```

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

```
.border{ border-color:rgb(0, 113, 115) }
```

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

Here you see how a box with a 4 pixel rgb(0, 113, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 113, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 113, 115);  
box-shadow:4px 4px 4px 4px rgb(0, 113,  
115) }
```


Background

The CSS property to change the background color of an element to YUV 79.4410, 17.5306, -69.6698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 113, 115) }
```

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

```
.background{ background-color: rgb(0, 113,  
115) }
```

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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