

Converting Colors

YUV(73.9800, 16.7719,
-59.6185)

Have a look what the booklet for
YUV(73.9800, 16.7719, -59.6185)
contains.

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Color

**YUV(73.9800, 16.7719,
-59.6185)**

Conversions

Conversions Part 1

Format	Color
Hex	06666C
RGB	6, 102, 108
RGB Percent	2%, 40%, 42%
CMY	0.9765, 0.6000, 0.5765
CMYK	0.94, 0.06, 0.00, 0.58
HSL	184°, 89%, 22%
HSV	184°, 94%, 42%
XYZ	7.5333, 10.6242, 15.8410
YIQ	73.9800, -59.1420, -18.4860

Conversions

Conversions Part 2

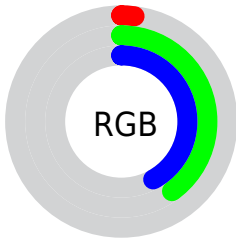
Format	Color
RYB	6, 55, 108
Decimal	419436
CIELab	38.94, -22.04, -10.46
CIELCh	39, 24.394, 205.403
Yxy	10.6242, 0.2216, 0.3125
Android (android.graphics.Color)	4278609516 (0xFF06666C)
YUV	73.9800, 16.7719, -59.6185
Hunter-Lab	32.5947, -15.7861, -5.9985

Details

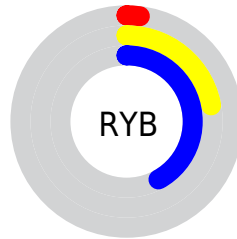
The YUV color **73.9800, 16.7719, -59.6185** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **40.0200, -16.7719, 59.6185**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.6610, 13.9711, -47.9377**, and **39.2390, 10.7282, -34.4126** is the 20% darker color. If you saturate the color by 10%, you get **72.1860, 17.6563, -63.3071**, and if you desaturate by 10%, it is **77.8560, 14.8610, -53.3707**.

Distribution



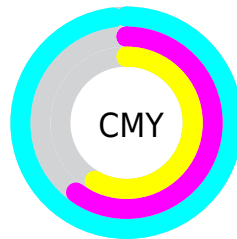
- Red (2%)
- Green (40%)
- Blue (42%)



- Red (2%)
- Yellow (22%)
- Blue (42%)



- Cyan (94%)
- Magenta (6%)
- Yellow (0%)
- Black (58%)



- Cyan (98%)
- Magenta (60%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.9800, 16.7719, -59.6185 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 73.9800, 16.7719, -59.6185 by changing the saturation by 10% instead.

73.9800, 16.7719,
-59.6185

73.9800, 16.7719,
-59.6185

255.0000, 0.0000,
0.0000

55.3620, 14.1185,
-48.5525

130.6610, 13.9711,
-47.9377

39.2390, 10.7282,
-34.4126

157.9600, 13.8237,
-47.3229

24.4040, 7.1958,
-21.4023

185.9600, 13.8237,
-47.3229

2.7530, 8.0098,
-2.4144

213.9600, 13.8237,
-47.3229

0.0000, 0.0000,
0.0000

234.9670, 9.8763,
-41.1901

243.6380, 5.6015,

-23.3615

252.3090, 1.3267,
-5.5330

73.9800, 16.7719,
-59.6185

73.9800, 16.7719,
-59.6185

72.1860, 17.6563,
-63.3071

77.8560, 14.8610,
-53.3707

81.1450, 13.2395,
-46.6082

84.7220, 11.4761,
-40.9752

88.5980, 9.5652,
-34.7274

91.8870, 7.9437,
-27.9649

■ 95.7630, 6.0328,
-21.7172

■ 99.0520, 4.4114,
-14.9546

■ 102.6290, 2.6479,
-9.3216

■ 106.5050, 0.7370,
-3.0739

Harmonies

Analogous

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



80.9690, 3.4663, -38.5608



73.9800, 16.7719, -59.6185



78.8160, 22.2757, -51.5816

Triad

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



73.9800, 16.7719, -59.6185



94.6290, 9.5499, 16.9884



90.1640, -18.8149, 14.7652

Complementary

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



73.9800, 16.7719, -59.6185



40.0200, -16.7719, 59.6185

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.



92.3380, -15.9426, 26.8906



73.9800, 16.7719, -59.6185



93.8280, 1.0708, 29.9688

Square

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



73.9800, 16.7719, -59.6185



93.0440, 16.7403, -2.6696



92.7330, -8.2494, 32.6832



88.6350, -16.5821, -1.4339

Rectangle

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



73.9800, 16.7719, -59.6185



84.6270, 22.3689, -34.7529



92.7330, -8.2494, 32.6832



90.8980, -18.6837, 19.3835

Sweetspot

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



73.9800, 16.7719, -59.6185



127.1650, 6.3277, -22.9467



66.4440, -27.3339, -53.0094



63.2370, 3.8272, -14.2398



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



73.9800, 16.7719, -59.6185



93.4440, 22.9521, -81.9504



44.6300, 31.2414, -33.8785



51.6190, 1.1738, -3.1739



77.9080, 19.2724, -68.3253



162.9400, 40.4556, -142.8984

Inverse Universe

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



47.4420, 26.8971, 53.1094



56.9080, 37.0204, 72.8717



69.3700, -31.2414, 33.8785



50.3640, 1.2995, 3.1888



47.5230, 30.8012, 60.9313



99.4750, 64.3488, 127.6254

Previews

White Background



This preview shows how the YUV color 73.9800, 16.7719, -59.6185 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 73.9800, 16.7719, -59.6185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

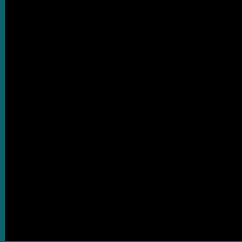
Any Text WCAG AA × Fail

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 73.9800, 16.7719, -59.6185 Background



This preview shows how black text looks on a background with the YUV color 73.9800, 16.7719, -59.6185.



This preview shows how white text looks on a background with the YUV color 73.9800, 16.7719,

-59.6185.

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

73.9800, 16.7719, -59.6185

Protanopia

91.8410, 4.5154, -1.6146

Deuteranopia

92.6930, 9.0254, -1.4848



Tritanopia

76.0020, 16.7610, -56.1298

Trichromacy



Original Color

73.9800, 16.7719, -59.6185

Protanomaly

85.2620, 9.2378, -23.0318

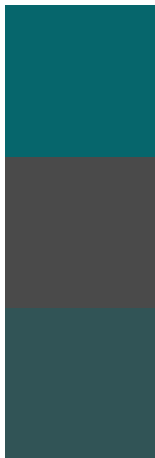
Deuteranomaly

85.6580, 12.0006, -22.5021

Tritanomaly

75.2900, 16.6190, -57.2593

Monochromacy



Original Color

73.9800, 16.7719, -59.6185

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.7630, 6.0328, -21.7172

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.9800, 16.7719, -59.6185 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(6, 102, 108)` looks like.

```
.text, #text, p{  
    color:rgb(6, 102, 108)  
}
```

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(6, 102, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 102, 108) }
```

Border

The CSS property to change the border of an element to YUV 73.9800, 16.7719, -59.6185 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(6, 102, 108) }
```


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

```
.border{ border-color:rgb(6, 102, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 102, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 102, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 102, 108);  
box-shadow:4px 4px 4px 4px rgb(6, 102,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 73.9800, 16.7719, -59.6185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 102, 108) }
```

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

```
.background{ background-color: rgb(6, 102,  
108) }
```

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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