

Converting Colors

YIQ(75.7030, -73.9990, -8.0390)

Have a look what the booklet for
YIQ(75.7030, -73.9990, -8.0390)
contains.

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Color

**YIQ(75.7030, -73.9990,
-8.0390)**

Conversions

Conversions Part 1

Format	Color
Hex	006590
RGB	0, 101, 144
RGB Percent	0%, 40%, 56%
CMY	0.9999, 0.6038, 0.4356
CMYK	1.00, 0.30, 0.00, 0.44
HSL	198°, 100%, 28%
HSV	198°, 100%, 56%
XYZ	9.6855, 11.3267, 28.0279
YIQ	75.7030, -73.9990, -8.0390

Conversions

Conversions Part 2

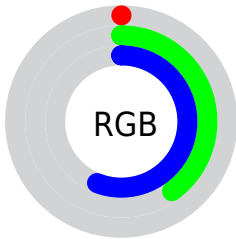
Format	Color
RYB	0, 59, 144
Decimal	26000
CIELab	40.13, -8.38, -30.46
CIELCh	40, 31.589, 254.620
Yxy	11.3267, 0.1975, 0.2310
Android (android.graphics.Color)	4278216080 (0xFF006590)
YUV	75.7030, 33.6704, -66.3915
Hunter-Lab	33.6552, -7.5267, -25.8180

Details

The YIQ color **75.7030, -73.9990, -8.0390** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **68.2970, 73.9990, 8.0390**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **136.3140, -56.4860, -0.5340**, and **42.8870, -44.9780, 0.1580** is the 20% darker color. If you saturate the color by 10%, you get **75.7030, -73.9990, -8.0390**, and if you desaturate by 10%, it is **82.2370, -66.7550, -7.1630**.

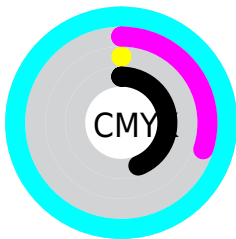
Distribution



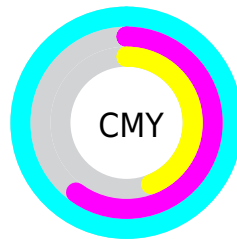
- Red (0%)
- Green (40%)
- Blue (56%)



- Red (0%)
- Yellow (23%)
- Blue (56%)



- Cyan (100%)
- Magenta (30%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (60%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 75.7030, -73.9990, -8.0390 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 YIQ color 75.7030, -73.9990, -8.0390 by changing the saturation by 10% instead.

■ 75.7030, -73.9990,
-8.0390

■ 75.7030, -73.9990,
-8.0390

■ 255.0000, -0.0000,
-0.0000

■ 58.6510, -59.0530,
-3.5730

■ 136.3140,
-56.4860, -0.5340

■ 42.8870, -44.9780,
0.1580

■ 164.0260,
-55.6150, 0.2010

■ 27.2370, -31.2240,
4.2000

■ 191.8520,
-55.0650, 1.2470

■ 8.2930, -16.4620,
12.0020

■ 216.9590,
-45.4810, -7.2490

■ 3.4370, -8.3000,
7.2520

■ 237.9570,
-33.9720, -12.0840

■ 0.0000, 0.0000,
0.0000

■ 246.6280,

-16.6880, -5.9360

■ 75.7030, -73.9990,
-8.0390

■ 82.2370, -66.7550,
-7.1630

■ 89.6570, -59.1900,
-6.5980

■ 96.1910, -51.9460,
-5.7220

■ 103.0240,
-44.1060, -4.6340

■ 109.5580,
-36.8620, -3.7580

■ 116.6790,
-29.8930, -3.4050

■ 123.5120,
-22.0530, -2.3170

■ 130.0460,
-14.8090, -1.4410

■ 137.4660, -7.2440,
-0.8760

Harmonies

Analogous

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



77.0420, -70.8800, -15.0080



75.7030, -73.9990, -8.0390



93.4320, -27.0990, 12.0450

Triad

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



75.7030, -73.9990, -8.0390



95.3690, 39.1060, 18.1620



87.5900, -5.4980, -21.5140

Complementary

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



75.7030, -73.9990, -8.0390



68.2970, 73.9990, 8.0390

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.



91.1430, 17.9300, -16.5820



75.7030, -73.9990, -8.0390



94.3610, 41.5840, 6.2880

Square

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



75.7030, -73.9990, -8.0390



97.1150, 25.4420, 23.5060



92.8510, 33.7920, -6.6880



80.6000, -37.8210, -24.9330

Rectangle

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



75.7030, -73.9990, -8.0390



96.5980, -6.8350, 19.2530



92.8510, 33.7920, -6.6880



89.3090, 2.6630, -20.7370

Sweetspot

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



75.7030, -73.9990, -8.0390



159.8640, -28.9760, -3.5040



89.2020, -52.7610, -62.5610



77.9640, -17.5140, -1.9780



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



75.7030, -73.9990, -8.0390



98.1010, -95.7310, -10.6670



34.6130, -54.7490, 28.5710



67.7330, -3.6220, -0.4380



71.1550, -69.4600, -7.7000



3.8470, -3.9430, -0.1270

Inverse Universe

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



54.5700, 53.4030, 61.9390



70.5480, 68.8050, 80.1730



109.3870, 54.7490, -28.5710



66.6630, 2.5670, 3.0390



51.1950, 49.9650, 58.1650



2.9620, 3.1630, 3.2510

Previews

White Background



This preview shows how the YIQ color 75.7030, -73.9990, -8.0390 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 YIQ color 75.7030, -73.9990, -8.0390 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](#).

YIQ 75.7030, -73.9990, -8.0390

Background



This preview shows how black text looks on a background with the YIQ color 75.7030, -73.9990, -8.0390.

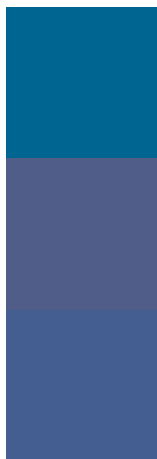


This preview shows how white text looks on a background with the YIQ color 75.7030, -73.9990,

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

75.7030, -73.9990, -8.0390

Protanopia

94.1290, -21.8720, 10.9280

Deuteranopia

92.4530, -31.5920, 10.8720



Tritanopia

74.5170, -65.1480, -19.7720

Trichromacy



Original Color

75.7030, -73.9990, -8.0390

Protanomaly

87.5610, -40.9440, 4.1440

Deuteranomaly

86.6250, -46.9960, 3.6920

Tritanomaly

75.1840, -68.4040, -15.8280

Monochromacy



Original Color

75.7030, -73.9990, -8.0390

Achromatopsia

76.0000, -0.0000, -0.0000

Achromatomaly

75.7610, -27.1880, -2.8680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.7030, -73.9990, -8.0390 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, 101, 144)` looks like.

```
.text, #text, p{  
    color:rgb(0, 101, 144)  
}
```

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, 101, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 101, 144) }
```

Border

The CSS property to change the border of an element to YIQ 75.7030, -73.9990, -8.0390 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, 101, 144) }
```


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

```
.border{ border-color:rgb(0, 101, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 101, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 101, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 101, 144);  
box-shadow:4px 4px 4px 4px rgb(0, 101,  
144) }
```

Background

The CSS property to change the background color of an element to YIQ 75.7030, -73.9990, -8.0390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 101, 144) }
```

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

```
.background{ background-color: rgb(0, 101,  
144) }
```

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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