

Converting Colors

YIQ(73.3880, -68.4980, -3.1060)

Have a look what the booklet for
YIQ(73.3880, -68.4980, -3.1060)
contains.

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Color

**YIQ(73.3880, -68.4980,
-3.1060)**

Conversions

Conversions Part 1

Format	Color
Hex	065E90
RGB	6, 94, 144
RGB Percent	2%, 37%, 56%
CMY	0.9766, 0.6312, 0.4356
CMYK	0.96, 0.35, 0.00, 0.44
HSL	202°, 92%, 29%
HSV	202°, 96%, 56%
XYZ	9.1085, 10.0616, 27.8158
YIQ	73.3880, -68.4980, -3.1060

Conversions

Conversions Part 2

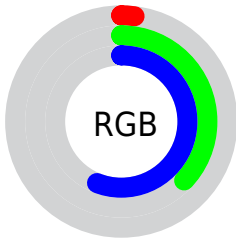
Format	Color
R_{YB}	6, 60, 144
Decimal	417424
CIE _{Lab}	37.95, -3.75, -33.88
CIE _{LCh}	38, 34.088, 263.691
Yxy	10.0616, 0.1939, 0.2141
Android (android.graphics.Color)	4278607504 (0xFF065E90)
YUV	73.3880, 34.8117, -59.0993
Hunter-Lab	31.7201, -4.2532, -29.7883

Details

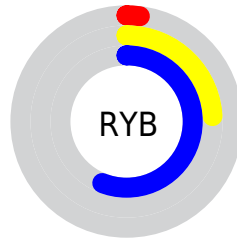
The YIQ color **73.3880, -68.4980, -3.1060** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **76.6120, 68.4980, 3.1060**, and the grayscale version is **73.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **131.9170, -53.6900, 3.8620**, and **38.7780, -43.0530, 3.8190** is the 20% darker color. If you saturate the color by 10%, you get **70.4200, -71.5240, -3.3320**, and if you desaturate by 10%, it is **80.5090, -61.5290, -2.7530**.

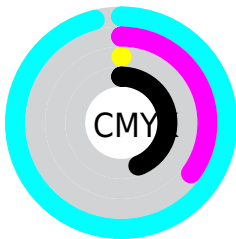
Distribution



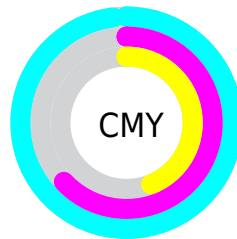
- Red (2%)
- Green (37%)
- Blue (56%)



- Red (2%)
- Yellow (24%)
- Blue (56%)



- Cyan (96%)
- Magenta (35%)
- Yellow (0%)
- Black (44%)



- Cyan (98%)
- Magenta (63%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 73.3880, -68.4980, -3.1060 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 73.3880, -68.4980, -3.1060 by changing the saturation by 10% instead.

73.3880, -68.4980,
-3.1060

73.3880, -68.4980,
-3.1060

255.0000, -0.0000,
-0.0000

55.1290, -57.4030,
-0.4350

131.9170,
-53.6900, 3.8620

38.7780, -43.0530,
3.8190

159.6290,
-52.8190, 4.5970

24.3020, -29.8490,
6.8150

187.4550,
-52.2690, 5.6430

7.7060, -16.1870,
12.5250

212.2630,
-43.2810, -3.0650

3.4370, -8.3000,
7.2520

237.3700,
-33.6970, -11.5610

0.0000, 0.0000,
0.0000

246.9270,

-16.0920, -5.7240

■ 73.3880, -68.4980,
-3.1060

■ 73.3880, -68.4980,
-3.1060

■ 70.4200, -71.5240,
-3.3320

■ 80.5090, -61.5290,
-2.7530

■ 87.9290, -53.9640,
-2.1880

■ 95.6370, -47.2700,
-2.3580

■ 103.0570,
-39.7050, -1.7930

■ 110.1780,
-32.7360, -1.4400

■ 117.2990,
-25.7670, -1.0870

■ 124.7190,
-18.2020, -0.5220

■ 132.4270,
-11.5080, -0.6920

■ 139.8470, -3.9430,
-0.1270

Harmonies

Analogous

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



73.8620, -70.1930, -10.9370



73.3880, -68.4980, -3.1060



89.4870, -19.7640, 16.7800

Triad

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



73.3880, -68.4980, -3.1060



89.0550, 42.8660, 16.0980



79.9200, -15.3550, -24.5950

Complementary

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



73.3880, -68.4980, -3.1060



76.6120, 68.4980, 3.1060

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.



84.3980, 12.6580, -20.1580



73.3880, -68.4980, -3.1060



88.7260, 41.8140, 2.1180

Square

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



73.3880, -68.4980, -3.1060



90.6490, 32.6860, 24.3820



87.0200, 31.6380, -11.7060



69.8090, -54.6470, -28.3670

Rectangle

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



73.3880, -68.4980, -3.1060



92.1970, 1.7840, 22.7440



87.0200, 31.6380, -11.7060



81.5360, -5.4060, -23.1820

Sweetspot

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



73.3880, -68.4980, -3.1060



158.7010, -26.9590, -1.5110



92.4780, -53.3580, -57.2460



77.0890, -16.3680, -0.7200



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.



73.3880, -68.4980, -3.1060



91.0570, -92.4310, -4.3910



34.0590, -50.0730, 31.9350



67.7330, -3.6220, -0.4380



65.8720, -66.9850, -2.9930



3.8470, -3.9430, -0.1270

Inverse Universe

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



57.2940, 54.0000, 56.6240



69.1800, 72.6570, 76.4410



115.9410, 50.0730, -31.9350



66.6630, 2.5670, 3.0390



50.1690, 52.8540, 55.3660



2.9620, 3.1630, 3.2510

Previews

White Background



This preview shows how the YIQ color 73.3880, -68.4980, -3.1060 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 73.3880, -68.4980, -3.1060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

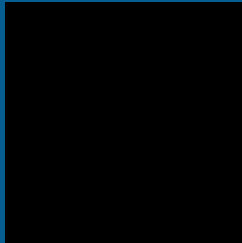
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 73.3880, -68.4980, -3.1060

Background



This preview shows how black text looks on a background with the YIQ color 73.3880, -68.4980, -3.1060.



This preview shows how white text looks on a background with the YIQ color 73.3880, -68.4980,

-3.1060.

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

73.3880, -68.4980, -3.1060

Protanopia

88.6170, -26.1820, 11.9460

Deuteranopia

85.8050, -38.5150, 9.6850



Tritanopia

70.1970, -61.2510, -18.8110

Trichromacy



Original Color

73.3880, -68.4980, -3.1060

Protanomaly

82.8430, -41.6780, 6.4340

Deuteranomaly

81.0100, -49.5180, 5.3460

Tritanomaly

71.2170, -64.0030, -12.9870

Monochromacy



Original Color

73.3880, -68.4980, -3.1060

Achromatopsia

73.0000, -0.0000, -0.0000

Achromatomaly

73.4840, -24.8500, -1.1860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 73.3880, -68.4980, -3.1060 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, 94, 144)` looks like.

```
.text, #text, p{  
    color:rgb(6, 94, 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(6, 94, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 94, 144) }
```

Border

The CSS property to change the border of an element to YIQ 73.3880, -68.4980, -3.1060 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, 94, 144) }
```


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

```
.border{ border-color:rgb(6, 94, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 94, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 94, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 94, 144);  
box-shadow:4px 4px 4px 4px rgb(6, 94, 144)  
}
```

Background

The CSS property to change the background color of an element to YIQ 73.3880, -68.4980, -3.1060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 94, 144) }
```

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

```
.background{ background-color: rgb(6, 94,  
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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