

Converting Colors

YIQ(71.3370, -80.5150, 21.9570)

Have a look what the booklet for
YIQ(71.3370, -80.5150, 21.9570)
contains.

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Color

**YIQ(71.3370, -80.5150,
21.9570)**

Conversions

Conversions Part 1

Format	Color
Hex	084FC6
RGB	8, 79, 198
RGB Percent	3%, 31%, 78%
CMY	0.9686, 0.6901, 0.2239
CMYK	0.96, 0.60, 0.00, 0.22
HSL	218°, 92%, 40%
HSV	218°, 96%, 78%
XYZ	13.0789, 9.7202, 54.5495
YIQ	71.3370, -80.5150, 21.9570

Conversions

Conversions Part 2

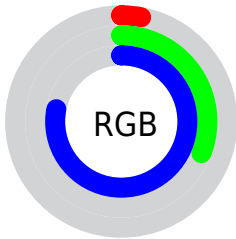
Format	Color
RYB	8, 60, 198
Decimal	544710
CIELab	37.34, 28.24, -66.89
CIELCh	37, 72.605, 292.891
Yxy	9.7202, 0.1691, 0.1257
Android (android.graphics.Color)	4278734790 (0xFF084FC6)
YUV	71.3370, 62.4449, -55.5465
Hunter-Lab	31.1772, 20.3213, -81.9133

Details

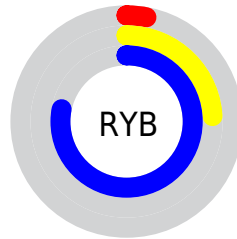
The YIQ color **71.3370, -80.5150, 21.9570** is a dark color, and the websafe version is hex **003399**. The color can be described as dark washed blue. A complement of this color would be **134.6630, 80.5150, -21.9570**, and the grayscale version is **71.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **133.5190, -57.1800, 34.0840**, and **37.4340, -55.8030, 25.6450** is the 20% darker color. If you saturate the color by 10%, you get **66.0100, -83.9080, 22.8760**, and if you desaturate by 10%, it is **84.3610, -71.8950, 19.9210**.

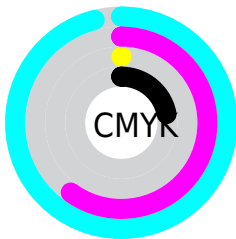
Distribution



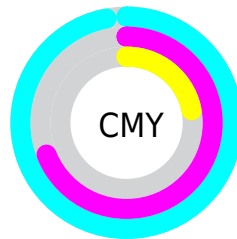
- Red (3%)
- Green (31%)
- Blue (78%)



- Red (3%)
- Yellow (24%)
- Blue (78%)



- Cyan (96%)
- Magenta (60%)
- Yellow (0%)
- Black (22%)



- Cyan (97%)
- Magenta (69%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 71.3370, -80.5150, 21.9570 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 71.3370, -80.5150, 21.9570 by changing the saturation by 10% instead.

■ 71.3370, -80.5150,
21.9570

■ 71.3370, -80.5150,
21.9570

255.0000, -0.0000,
-0.0000

■ 52.8390, -70.2450,
23.0590

■ 133.5190,
-57.1800, 34.0840

■ 37.4340, -55.8030,
25.6450

■ 158.3490,
-45.2580, 27.2700

■ 24.3770, -42.4610,
26.1390

■ 183.1680,
-34.8030, 19.5090

■ 10.3740, -29.2110,
28.3010

■ 208.2860,
-23.7520, 11.9600

■ 11.6330, -23.1110,
16.8650

■ 233.9910,
-12.9760, 3.8880

■ 6.6630, -14.6280,
11.8040

254.7010, -0.5960,

■ 3.0950, -7.3370,

-0.2120

6.3190

■ 0.0000, 0.0000,
0.0000

■ 71.3370, -80.5150,
21.9570

■ 71.3370, -80.5150,
21.9570

■ 66.0100, -83.9080,
22.8760

■ 84.3610, -71.8950,
19.9210

■ 97.9720, -63.5500,
17.3620

■ 110.6970,
-55.5260, 15.1140

■ 124.3080,
-47.1810, 12.5550

■ 137.3320,
-38.5610, 10.5190

■ 150.3560,
-29.9410, 8.4830

■ 163.9670,
-21.5960, 5.9240

■ 176.6920,
-13.5720, 3.6760

■ 190.3030, -5.2270,
1.1170

Harmonies

Analogous

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



82.1840, -93.6260, 11.7660



71.3370, -80.5150, 21.9570



83.8790, 21.6760, 58.7320

Triad

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



71.3370, -80.5150, 21.9570



77.1900, 81.6100, 7.7700



72.7780, -53.3620, -35.1380

Complementary

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



71.3370, -80.5150, 21.9570



134.6630, 80.5150, -21.9570

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.



62.2220, -29.1500, -55.4380



71.3370, -80.5150, 21.9570



83.4270, 49.2450, -16.9230

Square

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



71.3370, -80.5150, 21.9570



60.3740, 94.5770, 53.6250



76.9610, 11.7900, -37.4740



80.2050, -72.8970, -17.0010

Rectangle

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



71.3370, -80.5150, 21.9570



65.5640, 62.7080, 75.0280



76.9610, 11.7900, -37.4740



69.7970, -46.3460, -41.1460

Sweetspot

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



71.3370, -80.5150, 21.9570



205.8720, -31.4540, 8.3700



132.8680, -89.8070, -62.9830



98.1090, -19.1200, 5.1040



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



71.3370, -80.5150, 21.9570



84.8350, -107.9800, 29.6200



36.2380, -47.8780, 63.7540



92.7870, -3.7140, 1.2300



54.3890, -69.0980, 18.7900



11.7350, -15.1310, 4.3970

Inverse Universe

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



72.9040, 90.4490, 62.3610



87.0750, 121.4850, 83.6050



169.7620, 47.8780, -63.7540



93.0330, 4.4010, 2.8410



55.6910, 77.5670, 53.5270



12.2460, 17.2830, 11.6750

Previews

White Background



This preview shows how the YIQ color 71.3370, -80.5150, 21.9570 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 ✓ Pass

Black Background



This preview shows how the YIQ color 71.3370, -80.5150, 21.9570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

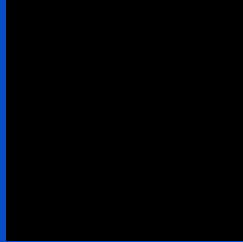
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 71.3370, -80.5150, 21.9570

Background



This preview shows how black text looks on a background with the YIQ color 71.3370, -80.5150, 21.9570.



This preview shows how white text looks on a background with the YIQ color 71.3370, -80.5150,

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

71.3370, -80.5150, 21.9570

Protanopia

69.7140, -80.5590, 11.7370

Deuteranopia

70.2720, -73.8630, 0.5130



Tritanopia

68.6810, -59.7380, -18.6980

Trichromacy



Original Color

71.3370, -80.5150, 21.9570

Protanomaly

70.2350, -80.4680, 15.5960

Deuteranomaly

70.6450, -76.1110, 8.2170

Tritanomaly

69.4590, -67.2600, -3.5160

Monochromacy



Original Color

71.3370, -80.5150, 21.9570

Achromatopsia

71.0000, -0.0000, -0.0000

Achromatomaly

71.1280, -29.2990, 7.8610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.3370, -80.5150, 21.9570 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(8, 79, 198)` looks like.

```
.text, #text, p{  
    color:rgb(8, 79, 198)  
}
```

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(8, 79, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 79, 198) }
```

Border

The CSS property to change the border of an element to YIQ 71.3370, -80.5150, 21.9570 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(8, 79, 198) }
```


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

```
.border{ border-color:rgb(8, 79, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 79, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 79, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 79, 198);  
box-shadow:4px 4px 4px 4px rgb(8, 79, 198)  
}
```

Background

The CSS property to change the background color of an element to YIQ 71.3370, -80.5150, 21.9570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 79, 198) }
```

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

```
.background{ background-color: rgb(8, 79,  
198) }
```

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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