

Converting Colors

YIQ(94.3970, -99.0800, 0.4720)

Have a look what the booklet for
YIQ(94.3970, -99.0800, 0.4720)
contains.

YIQ(94.3970, -99.0800, 0.4720)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(94.3970, -99.0800,
0.4720)**

Conversions

Conversions Part 1

Format	Color
Hex	0079CD
RGB	0, 121, 205
RGB Percent	0%, 47%, 80%
CMY	0.9998, 0.5253, 0.1965
CMYK	1.00, 0.41, 0.00, 0.20
HSL	205°, 100%, 40%
HSV	205°, 100%, 80%
XYZ	17.8489, 18.0893, 60.2345
YIQ	94.3970, -99.0800, 0.4720

Conversions

Conversions Part 2

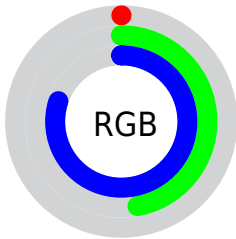
Format	Color
RYB	0, 76, 205
Decimal	31181
CIELab	49.60, 3.55, -51.07
CIELCh	50, 51.194, 273.976
Yxy	18.0893, 0.1856, 0.1881
Android (android.graphics.Color)	4278221261 (0xFF0079CD)
YUV	94.3970, 54.5273, -82.7862
Hunter-Lab	42.5315, 0.4798, -54.1964

Details

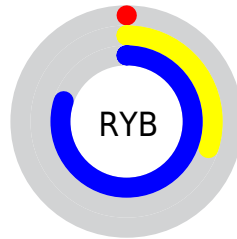
The YIQ color **94.3970, -99.0800, 0.4720** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **110.6030, 99.0800, -0.4720**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.2220, -70.4260, 9.8140**, and **59.9510, -68.2250, 8.4710** is the 20% darker color. If you saturate the color by 10%, you get **94.3970, -99.0800, 0.4720**, and if you desaturate by 10%, it is **105.3720, -88.7640, 0.7400**.

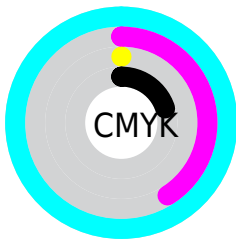
Distribution



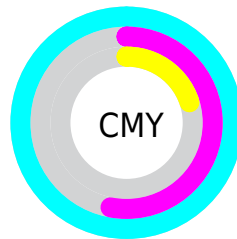
- Red (0%)
- Green (47%)
- Blue (80%)



- Red (0%)
- Yellow (30%)
- Blue (80%)



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (53%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 94.3970, -99.0800, 0.4720 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 94.3970, -99.0800, 0.4720 by changing the saturation by 10% instead.

■ 94.3970, -99.0800,
0.4720

■ 94.3970, -99.0800,
0.4720

■ 255.0000, -0.0000,
-0.0000

■ 77.1170, -83.4920,
4.3160

■ 160.2220,
-70.4260, 9.8140

■ 59.9510, -68.2250,
8.4710

■ 185.6390,
-58.7790, 2.4770

■ 44.6600, -54.1040,
11.3680

■ 211.3440,
-48.0030, -5.5950

■ 29.9560, -40.2580,
13.7420

■ 236.1630,
-37.5480, -13.3560

■ 12.5450, -25.6790,
19.3530

■ 245.4320,
-19.0720, -6.7840

■ 8.0480, -17.1500,
13.4580

■ 254.4020, -1.1920,

■ 4.3660, -9.5380,

-0.4240

7.6620

■ 0.0000, 0.0000,
0.0000

■ 94.3970, -99.0800,
0.4720

■ 105.3720,
-88.7640, 0.7400

■ 116.6350,
-79.3190, 0.2730

■ 127.6100,
-69.0030, 0.5410

■ 138.8730,
-59.5580, 0.0740

■ 149.5490,
-49.8380, 0.1300

■ 160.5240,
-39.5220, 0.3980

■ 171.7870,
-30.0770, -0.0690

■ 182.7620,
-19.7610, 0.1990

■ 194.0250,
-10.3160, -0.2680

Harmonies

Analogous

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



99.8280, -99.2160, -8.0800



94.3970, -99.0800, 0.4720



120.3820, -14.4940, 31.4100

Triad

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



94.3970, -99.0800, 0.4720



114.9240, 68.2200, 19.1640



88.7240, -62.4380, -46.8700

Complementary

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



94.3970, -99.0800, 0.4720



110.6030, 99.0800, -0.4720

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.



107.1930, 5.3250, -35.9470



94.3970, -99.0800, 0.4720



114.9220, 61.3930, -5.7990

Square

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



94.3970, -99.0800, 0.4720



116.2120, 59.3220, 37.2580



111.7970, 41.9110, -27.1850



95.6150, -77.7080, -34.4440

Rectangle

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



94.3970, -99.0800, 0.4720



121.2350, 16.9570, 39.6210



111.7970, 41.9110, -27.1850



100.3060, -28.7860, -40.0020

Sweetspot

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



94.3970, -99.0800, 0.4720



214.0790, -36.7710, 0.1010



129.6830, -82.6970, -81.7130



103.0930, -22.1910, 0.1850



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.



94.3970, -99.0800, 0.4720



117.7070, -123.3800, 0.3320



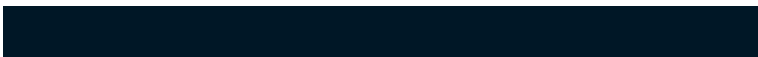
35.6970, -71.5800, 52.7720



96.6620, -4.8600, -0.0280



76.4500, -80.2360, 0.3720



17.8330, -18.5230, -0.2110

Inverse Universe

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



75.0890, 83.3390, 81.0910



93.4590, 103.5090, 101.0210



169.3030, 71.5800, -52.7720



95.6740, 4.0340, 3.9860



60.8060, 67.4780, 65.6700



13.9840, 15.2650, 15.2090

Previews

White Background



This preview shows how the YIQ color 94.3970, -99.0800, 0.4720 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 94.3970, -99.0800, 0.4720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

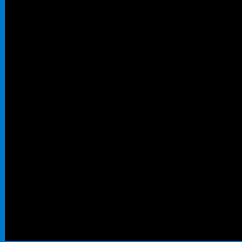
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 94.3970, -99.0800, 0.4720

Background



This preview shows how black text looks on a background with the YIQ color 94.3970, -99.0800, 0.4720.

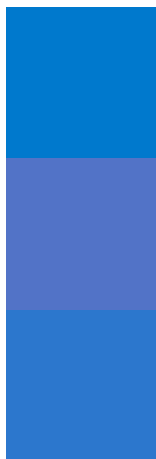


This preview shows how white text looks on a background with the YIQ color 94.3970, -99.0800,

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

94.3970, -99.0800, 0.4720

Protanopia

114.7090, -46.6320, 19.1280

Deuteranopia

106.3790, -72.3060, 10.8460



Tritanopia

92.8570, -80.9650, -24.9730

Trichromacy



Original Color

94.3970, -99.0800, 0.4720

Protanomaly

107.1410, -65.7040, 12.3440

Deuteranomaly

102.1820, -82.1170, 6.9310

Tritanomaly

93.2450, -87.5690, -15.4170

Monochromacy



Original Color

94.3970, -99.0800, 0.4720

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.2640, -35.8540, 0.0020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.3970, -99.0800, 0.4720 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, 121, 205)` looks like.

```
.text, #text, p{  
    color:rgb(0, 121, 205)  
}
```

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, 121, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 121, 205) }
```

Border

The CSS property to change the border of an element to YIQ 94.3970, -99.0800, 0.4720 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, 121, 205) }
```


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

```
.border{ border-color:rgb(0, 121, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 121, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 121, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 121, 205);  
box-shadow:4px 4px 4px 4px rgb(0, 121,  
205) }
```

Background

The CSS property to change the background color of an element to YIQ 94.3970, -99.0800, 0.4720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 121, 205) }
```

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

```
.background{ background-color: rgb(0, 121,  
205) }
```

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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