

Converting Colors

YIQ(99.0790, -81.4700,
-21.3260)

Have a look what the booklet for
YIQ(99.0790, -81.4700, -21.3260)
contains.

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Color

**YIQ(99.0790, -81.4700,
-21.3260)**

Conversions

Conversions Part 1

Format	Color
Hex	088799
RGB	8, 135, 153
RGB Percent	3%, 53%, 60%
CMY	0.9688, 0.4704, 0.4003
CMYK	0.95, 0.12, 0.00, 0.40
HSL	187°, 90%, 32%
HSV	187°, 95%, 60%
XYZ	14.5133, 19.6911, 33.1356
YIQ	99.0790, -81.4700, -21.3260

Conversions

Conversions Part 2

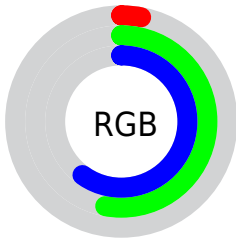
Format	Color
R _Y B	8, 76, 153
Decimal	559001
CIE Lab	51.49, -23.64, -18.17
CIE LCh	51, 29.818, 217.546
Yxy	19.6911, 0.2155, 0.2924
Android (android.graphics.Color)	4278749081 (0xFF088799)
YUV	99.0790, 26.5831, -79.8763
Hunter-Lab	44.3746, -19.2748, -13.2110

Details

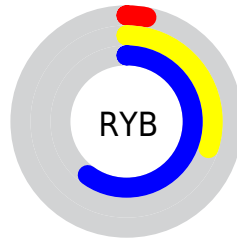
The YIQ color **99.0790, -81.4700, -21.3260** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **61.9210, 81.4700, 21.3260**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **161.4510, -64.7820, -15.3900**, and **61.5230, -56.1170, -12.7330** is the 20% darker color. If you saturate the color by 10%, you get **96.1000, -85.9630, -22.4990**, and if you desaturate by 10%, it is **104.7380, -73.0800, -19.1920**.

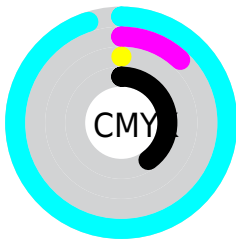
Distribution



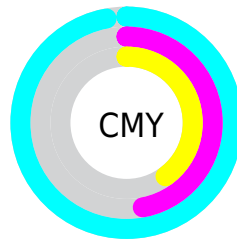
- Red (3%)
- Green (53%)
- Blue (60%)



- Red (3%)
- Yellow (30%)
- Blue (60%)



- Cyan (95%)
- Magenta (12%)
- Yellow (0%)
- Black (40%)



- Cyan (97%)
- Magenta (47%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 99.0790, -81.4700, -21.3260 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 99.0790, -81.4700, -21.3260 by changing the saturation by 10% instead.

■ 99.0790, -81.4700,
-21.3260

■ 99.0790, -81.4700,
-21.3260

■ 255.0000, -0.0000,
-0.0000

■ 79.0480, -71.0170,
-18.0330

■ 161.1520,
-65.3780, -15.6020

■ 61.5230, -56.1170,
-12.7330

■ 189.8640,
-64.5070, -14.8670

■ 44.6990, -41.8130,
-7.6450

■ 217.4360,
-60.4260, -17.2420

■ 29.1630, -28.3800,
-3.2920

■ 231.9770,
-45.8920, -16.3240

■ 10.9200, -14.2140,
4.2980

■ 240.9470,
-28.0120, -9.9640

■ 1.0260, -2.8890,
2.7990

■ 249.9170,

■ 0.0000, 0.0000,

-10.1320, -3.6040

0.0000

■ 99.0790, -81.4700,
-21.3260

■ 99.0790, -81.4700,
-21.3260

■ 96.1000, -85.9630,
-22.4990

■ 104.7380,
-73.0800, -19.1920

■ 110.6960,
-64.0940, -16.8460

■ 116.3550,
-55.7040, -14.7120

■ 122.0140,
-47.3140, -12.5780

■ 127.0860,
-38.6490, -9.9210

■ 133.0440,
-29.6630, -7.5750

■ 138.7030,
-21.2730, -5.4410

■ 144.3620,
-12.8830, -3.3070

■ 150.3200, -3.8970,
-0.9610

Harmonies

Analogous

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



105.7860, -55.8400, -23.2640



99.0790, -81.4700, -21.3260



111.4120, -59.8780, -5.1420

Triad

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



99.0790, -81.4700, -21.3260



126.3640, 20.3070, 22.9550



120.1760, 22.3310, -13.7410

Complementary

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



99.0790, -81.4700, -21.3260



61.9210, 81.4700, 21.3260

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.



122.2260, 37.2300, -2.9140



99.0790, -81.4700, -21.3260



125.2270, 36.6300, 18.9820

Square

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



99.0790, -81.4700, -21.3260



125.5660, -3.8090, 19.4790



123.6540, 42.3170, 9.5250



117.2380, 1.4250, -20.3270

Rectangle

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



99.0790, -81.4700, -21.3260



118.2020, -41.3110, 5.2890



123.6540, 42.3170, 9.5250



120.6930, 28.2450, -10.7870

Sweetspot

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



99.0790, -81.4700, -21.3260



178.1470, -31.4510, -8.2110



95.0530, -45.3320, -70.5480



86.7850, -18.5680, -4.9040



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



99.0790, -81.4700, -21.3260



124.8240, -111.7290, -29.1130



57.4020, -61.9450, 15.8070



74.0210, -4.4930, -1.1730



88.1610, -78.7650, -20.7890



7.9390, -7.1980, -1.7100

Inverse Universe

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



65.8330, 45.6530, 70.2370



79.3370, 62.7500, 96.3020



103.5980, 61.9450, -15.8070



72.1900, 2.5210, 3.8730



55.8820, 43.9570, 67.9330



5.1410, 4.2170, 6.1770

Previews

White Background



This preview shows how the YIQ color 99.0790, -81.4700, -21.3260 looks on a white 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

Black Background



This preview shows how the YIQ color 99.0790, -81.4700, -21.3260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

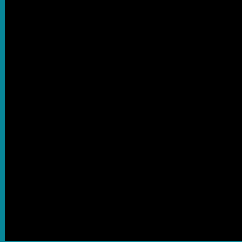
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 99.0790, -81.4700, -21.3260

Background



This preview shows how black text looks on a background with the YIQ color 99.0790, -81.4700, -21.3260.

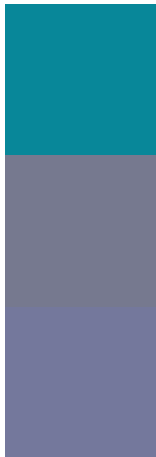


This preview shows how white text looks on a background with the YIQ color 99.0790, -81.4700,

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

99.0790, -81.4700, -21.3260

Protanopia

122.6110, -8.8500, 6.2060

Deuteranopia

122.9080, -13.9400, 10.3480

Trichromacy



Original Color

99.0790, -81.4700, -21.3260

Protanomaly

114.0420, -35.3490, -3.6450

Deuteranomaly

114.0680, -38.2380, -0.8460

Monochromacy



Original Color

99.0790, -81.4700, -21.3260

Achromatopsia

99.0000, -0.0000, 0.0000

Achromatomaly

99.0440, -29.6630, -7.5750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.0790, -81.4700, -21.3260 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, 135, 153)` looks like.

```
.text, #text, p{  
    color:rgb(8, 135, 153)  
}
```

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, 135, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 135, 153) }
```

Border

The CSS property to change the border of an element to YIQ 99.0790, -81.4700, -21.3260 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, 135, 153) }
```

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

```
.border{ border-color:rgb(8, 135, 153) }
```

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

Here you see how a box with a 4 pixel rgb(8, 135, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 135, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 135, 153);  
box-shadow:4px 4px 4px 4px rgb(8, 135,  
153) }
```


Background

The CSS property to change the background color of an element to YIQ 99.0790, -81.4700, -21.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 135, 153) }
```

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

```
.background{ background-color: rgb(8, 135,  
153) }
```

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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