

Converting Colors

YIQ(123.9770, -1.1930, 5.1030)

Have a look what the booklet for
YIQ(123.9770, -1.1930, 5.1030)
contains.

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Color

**YIQ(123.9770, -1.1930,
5.1030)**

Conversions

Conversions Part 1

Format	Color
Hex	7E7986
RGB	126, 121, 134
RGB Percent	49%, 47%, 53%
CMY	0.5059, 0.5255, 0.4745
CMYK	0.06, 0.10, 0.00, 0.47
HSL	263°, 5%, 50%
HSV	263°, 10%, 53%
XYZ	19.7449, 19.8314, 25.3400
YIQ	123.9770, -1.1930, 5.1030

Conversions

Conversions Part 2

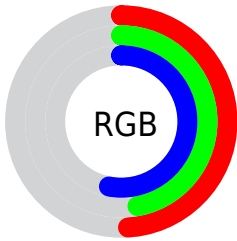
Format	Color
R _Y B	126, 121, 134
Decimal	8288646
CIE Lab	51.65, 4.55, -6.39
CIE LCh	52, 7.843, 305.438
Yxy	19.8314, 0.3042, 0.3055
Android (android.graphics.Color)	4286478726 (0xFF7E7986)
YUV	123.9770, 4.9413, 1.7742
Hunter-Lab	44.5324, 1.2119, -2.5648

Details

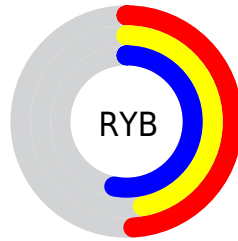
The YIQ color **123.9770, -1.1930, 5.1030** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **131.0230, 1.1930, -5.1030**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.3900, -0.9180, 5.6260**, and **75.4500, -1.1470, 4.2690** is the 20% darker color. If you saturate the color by 10%, you get **113.9540, -2.3860, 10.2060**, and if you desaturate by 10%, it is **134.0000, -0.0000, -0.0000**.

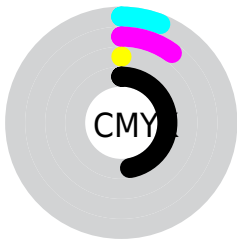
Distribution



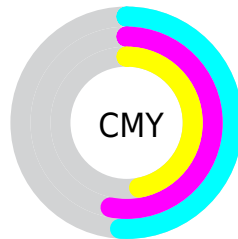
- Red (49%)
- Green (47%)
- Blue (53%)



- Red (49%)
- Yellow (47%)
- Blue (53%)



- Cyan (6%)
- Magenta (10%)
- Yellow (0%)
- Black (47%)



- Cyan (51%)
- Magenta (53%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 123.9770, -1.1930, 5.1030 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 123.9770, -1.1930, 5.1030 by changing the saturation by 10% instead.

■ 123.9770, -1.1930,
5.1030

■ 123.9770, -1.1930,
5.1030

■ 255.0000, -0.0000,
-0.0000

■ 98.9770, -1.1930,
5.1030

■ 176.3900, -0.9180,
5.6260

■ 75.4500, -1.1470,
4.2690

■ 204.0910, -1.5140,
5.4140

■ 52.4500, -1.1470,
4.2690

■ 232.0910, -1.5140,
5.4140

■ 31.4500, -1.1470,
4.2690

■ 7.2160, -0.3680,
6.6720

■ 0.0000, 0.0000,
0.0000

■ 123.9770, -1.1930,
5.1030

■ 123.9770, -1.1930,
5.1030

■ 113.9540, -2.3860,
10.2060

■ 134.0000, -0.0000,
-0.0000

■ 103.3440, -3.3040,
15.8320

■ 144.6100, 0.9180,
-5.6260

■ 93.0220, -5.0930,
20.7230

■ 154.9320, 2.7070,
-10.5170

■ 82.4120, -6.0110,
26.3490

■ 165.5420, 3.6250,
-16.1430

■ 72.3890, -7.2040,
31.4520

■ 175.5650, 4.8180,
-21.2460

■ 62.3660, -8.3970,
36.5550

■ 185.5880, 6.0110,
-26.3490

■ 51.4570, -9.9110,
41.9690

■ 196.4970, 7.5250,
-31.7630

■ 41.4340, -11.1040,

■ 206.5200, 8.7180,

47.0720

-36.8660

■ 30.8240, -12.0220,
52.6980

■ 217.1300, 9.6360,
-42.4920

Harmonies

Analogous

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



122.9870, -7.1530, 2.9830



123.9770, -1.1930, 5.1030



124.3260, 5.1340, 6.0780

Triad

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



123.9770, -1.1930, 5.1030



123.7470, 10.9580, -0.3540



120.6780, -10.9570, -5.1730

Complementary

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



123.9770, -1.1930, 5.1030



131.0230, 1.1930, -5.1030

Split Complementary

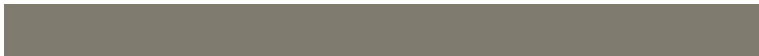
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



121.3750, -5.7300, -6.2900



123.9770, -1.1930, 5.1030



122.7140, 6.5570, -3.1950

Square

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



123.9770, -1.1930, 5.1030



124.0400, 11.6910, 2.8830



122.0230, 1.1930, -5.1030



121.4760, -13.2040, -2.9960

Rectangle

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



123.9770, -1.1930, 5.1030



124.6530, 8.5270, 5.1590



122.0230, 1.1930, -5.1030



121.0480, -9.1230, -5.3710

Sweetspot

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



123.9770, -1.1930, 5.1030



169.1680, -0.4130, 1.9790



127.1780, -6.3730, -0.1410



84.0540, -0.0920, 1.6680



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



123.9770, -1.1930, 5.1030



157.6720, -1.6520, 7.9160



125.7710, 2.3830, 6.3750



61.2820, -0.7340, 2.2900



29.7700, -11.9300, 51.0300



0.6410, -0.3670, 1.1450

Inverse Universe

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



125.7990, 5.1800, 5.2440



160.3480, 8.0680, 7.9720



129.2290, -2.3830, -6.3750



62.2500, 2.2920, 2.5160



47.9900, 51.8000, 52.4400



1.1250, 1.1460, 1.2580

Previews

White Background



This preview shows how the YIQ color 123.9770, -1.1930, 5.1030 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 123.9770, -1.1930, 5.1030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

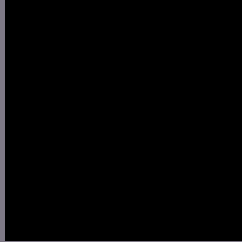
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 123.9770, -1.1930, 5.1030

Background



This preview shows how black text looks on a background with the YIQ color 123.9770, -1.1930, 5.1030.

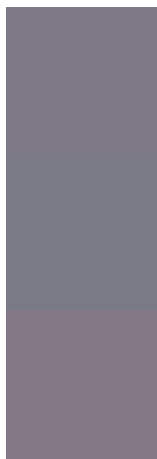


This preview shows how white text looks on a background with the YIQ color 123.9770, -1.1930,

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

123.9770, -1.1930, 5.1030

Protanopia

123.4820, -4.1730, 4.0430

Deuteranopia

124.5860, 1.4660, 6.4740



Tritanopia

123.6350, -0.2300, 4.1700

Trichromacy



Original Color

123.9770, -1.1930, 5.1030

Protanomaly

123.7810, -3.5770, 4.2550

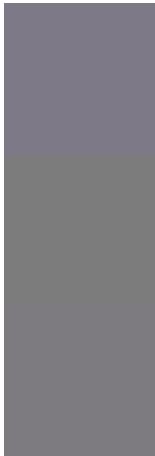
Deuteranomaly

124.2870, 0.8700, 6.2620

Tritanomaly

123.7490, -0.5510, 4.4810

Monochromacy



Original Color

123.9770, -1.1930, 5.1030

Achromatopsia

124.0000, -0.0000, -0.0000

Achromatomaly

124.1680, -0.4130, 1.9790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.9770, -1.1930, 5.1030 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(126, 121, 134)` looks like.

```
.text, #text, p{  
    color:rgb(126, 121, 134)  
}
```

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(126, 121, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 121, 134) }
```

Border

The CSS property to change the border of an element to YIQ 123.9770, -1.1930, 5.1030 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(126, 121, 134) }
```


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

```
.border{ border-color:rgb(126, 121, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 121, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 121, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 121, 134);  
box-shadow:4px 4px 4px 4px rgb(126, 121,  
134) }
```

Background

The CSS property to change the background color of an element to YIQ 123.9770, -1.1930, 5.1030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 121, 134) }
```

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

```
.background{ background-color: rgb(126,  
121, 134) }
```

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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