

# Converting Colors

YIQ(126.2830, -19.6700, 4.0580)

Have a look what the booklet for  
YIQ(126.2830, -19.6700, 4.0580)  
contains.

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# Color

**YIQ(126.2830, -19.6700,  
4.0580)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E819B
RGB	110, 129, 155
RGB Percent	43%, 51%, 61%
CMY	0.5686, 0.4941, 0.3923
CMYK	0.29, 0.17, 0.00, 0.39
HSL	215°, 18%, 52%
HSV	215°, 29%, 61%
XYZ	20.1951, 21.3829, 34.0622
YIQ	126.2830, -19.6700, 4.0580

# Conversions

## Conversions Part 2

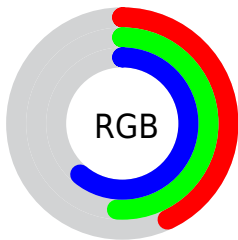
<b>Format</b>	<b>Color</b>
<b>RYB</b>	110, 123, 155
Decimal	7242139
CIELab	53.37, -0.63, -16.17
CIELCh	53, 16.185, 267.761
Yxy	21.3829, 0.2670, 0.2827
Android (android.graphics.Color)	4285432219 (0xFF6E819B)
YUV	126.2830, 14.1575, -14.2802
Hunter-Lab	46.2416, -2.9666, -11.3047

# Details

The YIQ color  $126.2830, -19.6700, 4.0580$  is a dark color, and the websafe version is hex  $6699CC$ . A complement of this color would be  $138.7170, 19.6700, -4.0580$ , and the grayscale version is  $126.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $179.0980, -20.5870, 4.1570$ , and  $77.0550, -19.0280, 3.4360$  is the 20% darker color. If you saturate the color by 10%, you get  $116.2160, -26.7310, 5.3730$ , and if you desaturate by 10%, it is  $136.0510, -13.2050, 2.5310$ .

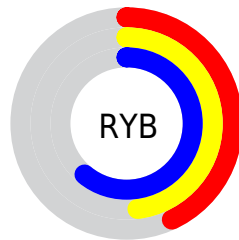
# Distribution



Red (43%)

Green (51%)

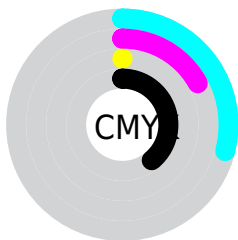
Blue (61%)



Red (43%)

Yellow (48%)

Blue (61%)

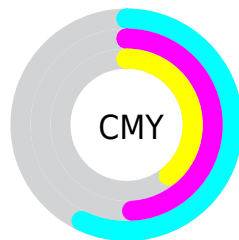


Cyan (29%)

Magenta (17%)

Yellow (0%)

Black (39%)



Cyan (57%)

Magenta (49%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 126.2830, -19.6700, 4.0580 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 126.2830, -19.6700, 4.0580 by changing the saturation by 10% instead.



■ 126.2830,  
-19.6700, 4.0580

■ 126.2830,  
-19.6700, 4.0580

■ 255.0000, -0.0000,  
-0.0000

■ 101.1690,  
-19.3490, 3.7470

■ 179.0980,  
-20.5870, 4.1570

■ 77.0550, -19.0280,  
3.4360

■ 206.6250,  
-20.6330, 4.9910

■ 53.6420, -19.3030,  
2.9130

■ 233.9580,  
-17.3770, 1.0470

■ 31.5170, -20.4490,  
1.6550

■ 252.6080, -4.7680,  
-1.6960

■ 12.2080, -15.0850,  
3.5630

■ 1.2540, -3.5310,  
3.4210

■ 0.0000, 0.0000,

0.0000

■ 126.2830,  
-19.6700, 4.0580

■ 126.2830,  
-19.6700, 4.0580

■ 116.2160,  
-26.7310, 5.3730

■ 136.0510,  
-13.2050, 2.5310

■ 106.4480,  
-33.1960, 6.9000

■ 146.1180, -6.1440,  
1.2160

■ 96.6800, -39.6610,  
8.4270

■ 155.8860, 0.3210,  
-0.3110

■ 86.6130, -46.7220,  
9.7420

■ 165.9530, 7.3820,  
-1.6260

■ 76.8450, -53.1870,  
11.2690

■ 175.7210, 13.8470,  
-3.1530

■ 66.7780, -60.2480,  
12.5840

■ 185.7880, 20.9080,  
-4.4680

■ 57.0100, -66.7130,  
14.1110

■ 195.5560, 27.3730,  
-5.9950

■ 56.4120, -67.9050,  
13.6870

■ 205.6230, 34.4340,  
-7.3100

■ 215.3910, 40.8990,  
-8.8370

# Harmonies

## Analogous

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



123.6900, -28.4260, -2.4580



126.2830, -19.6700, 4.0580



128.6870, -6.0080, 9.7680

# Triad

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



126.2830, -19.6700, 4.0580



129.0200, 23.6110, 7.1230



123.7180, -8.4340, -12.3540

# Complementary

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



126.2830, -19.6700, 4.0580



138.7170, 19.6700, -4.0580

# 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.



125.7150, 4.8160, -10.1920



126.2830, -19.6700, 4.0580



128.6190, 23.0620, 0.5500

# Square

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



126.2830, -19.6700, 4.0580



130.0180, 17.9250, 11.0530



126.9230, 16.0940, -5.3300



122.0140, -20.9510, -11.2790



# Rectangle

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



126.2830, -19.6700, 4.0580



129.5310, 3.2990, 11.8030



126.9230, 16.0940, -5.3300



124.1700, -3.8950, -12.0150

# Sweetspot

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



126.2830, -19.6700, 4.0580



189.7480, -7.9780, 1.4140



139.2650, -20.4000, -15.7600



95.1890, -4.9060, 0.8060



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000



# Same Dimension

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



126.2830, -19.6700, 4.0580



156.5900, -30.7200, 6.0800



116.0270, -12.6570, 14.6310



71.6730, -3.3930, 0.9190



50.5930, -61.1650, 12.6830



4.4170, -5.5480, 1.4280



# Inverse Universe

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



125.6210, 20.7210, 15.4490



155.3500, 32.0900, 24.1700



148.9730, 12.6570, -14.6310



71.7340, 3.8050, 2.6290



48.5860, 64.5010, 48.0290



4.4570, 6.1430, 4.3110



# Previews

## White Background



This preview shows how the YIQ color 126.2830, -19.6700, 4.0580 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 126.2830, -19.6700, 4.0580 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

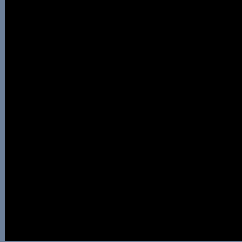
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

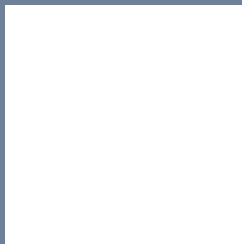
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YIQ 126.2830, -19.6700, 4.0580

## Background



This preview shows how black text looks on a background with the YIQ color 126.2830, -19.6700, 4.0580.



This preview shows how white text looks on a background with the YIQ color 126.2830, -19.6700,



# 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

126.2830, -19.6700, 4.0580

### Protanopia

127.5830, -11.6470, 7.3370

### Deuteranopia

128.5340, -9.9510, 9.6410



## Tritanopia

125.0780, -17.8350, -1.6670

# Trichromacy



## Original Color

126.2830, -19.6700, 4.0580

## Protanomaly

127.0880, -14.6270, 6.2770

## Deuteranomaly

127.6260, -13.2060, 8.0580

## Tritanomaly

125.3600, -18.5690, 0.6230

# Monochromacy



## Original Color

126.2830, -19.6700, 4.0580

## Achromatopsia

126.0000, 0.0000, 0.0000

## Achromatomaly

126.0470, -7.3820, 1.6260

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 126.2830, -19.6700, 4.0580 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(110, 129, 155)` looks like.

```
.text, #text, p{  
    color:rgb(110, 129, 155)  
}
```

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(110, 129, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 129, 155) }
```

## Border

The CSS property to change the border of an element to YIQ 126.2830, -19.6700, 4.0580 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(110, 129, 155) }
```



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

```
.border{ border-color:rgb(110, 129, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 129, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 129, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 129, 155);  
box-shadow:4px 4px 4px 4px rgb(110, 129,  
155) }
```

# Background

The CSS property to change the background color of an element to YIQ 126.2830, -19.6700, 4.0580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 129, 155) }
```

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

```
.background{ background-color: rgb(110,  
129, 155) }
```

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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