

Converting Colors

YIQ(59.8770, -21.8230, -6.4870)

Have a look what the booklet for
YIQ(59.8770, -21.8230, -6.4870)
contains.

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Color

**YIQ(59.8770, -21.8230,
-6.4870)**

Conversions

Conversions Part 1

Format	Color
Hex	234649
RGB	35, 70, 73
RGB Percent	14%, 27%, 29%
CMY	0.8628, 0.7254, 0.7138
CMYK	0.52, 0.04, 0.00, 0.71
HSL	185°, 35%, 21%
HSV	185°, 52%, 29%
XYZ	4.0854, 5.2199, 7.0916
YIQ	59.8770, -21.8230, -6.4870

Conversions

Conversions Part 2

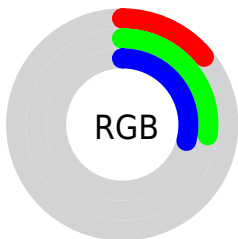
Format	Color
R_{YB}	35, 53, 73
Decimal	2311753
CIE _{Lab}	27.35, -11.72, -5.72
CIE _{LCh}	27, 13.040, 206.034
Yxy	5.2199, 0.2492, 0.3183
Android (android.graphics.Color)	4280501833 (0xFF234649)
YUV	59.8770, 6.4696, -21.8171
Hunter-Lab	22.8470, -8.0640, -2.4104

Details

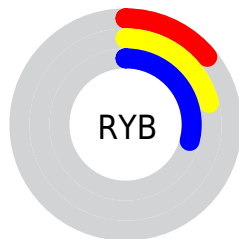
The YIQ color **59.8770, -21.8230, -6.4870** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **48.1230, 21.8230, 6.4870**, and the grayscale version is **60.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **107.9910, -22.1440, -6.1760**, and **19.1550, -16.7340, -5.1020** is the 20% darker color. If you saturate the color by 10%, you get **57.1970, -25.7200, -7.4480**, and if you desaturate by 10%, it is **62.5570, -17.9260, -5.5260**.

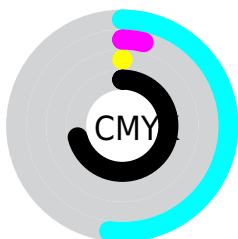
Distribution



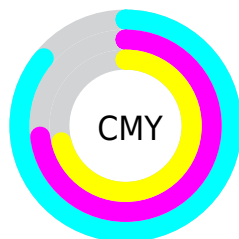
- Red (14%)
- Green (27%)
- Blue (29%)



- Red (14%)
- Yellow (21%)
- Blue (29%)



- Cyan (52%)
- Magenta (4%)
- Yellow (0%)
- Black (71%)



- Cyan (86%)
- Magenta (73%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 59.8770, -21.8230, -6.4870 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 59.8770, -21.8230, -6.4870 by changing the saturation by 10% instead.

■ 59.8770, -21.8230,
-6.4870

■ 59.8770, -21.8230,
-6.4870

■ 255.0000, -0.0000,
-0.0000

■ 36.8660, -23.2900,
-7.4340

■ 107.8770,
-21.8230, -6.4870

■ 19.1550, -16.7340,
-5.1020

■ 133.5780,
-22.4190, -6.6990

■ 0.3420, -0.9630,
0.9330

■ 160.2790,
-23.0150, -6.9110

■ 0.0000, 0.0000,
0.0000

■ 186.9800,
-23.6110, -7.1230

■ 214.9800,
-23.6110, -7.1230

■ 243.3390,

-23.2440, -8.2680

■ 251.7110, -6.5560,
-2.3320

■ 59.8770, -21.8230,
-6.4870

■ 59.8770, -21.8230,
-6.4870

■ 57.1970, -25.7200,
-7.4480

■ 62.5570, -17.9260,
-5.5260

■ 54.8050, -30.4880,
-9.1440

■ 64.9490, -13.1580,
-3.8300

■ 52.1250, -34.3850,
-10.1050

■ 67.6290, -9.2610,
-2.8690

■ 50.0320, -38.5570,
-11.5890

■ 69.7220, -5.0890,
-1.3850

■ 47.6510, -41.8580,
-12.3380

■ 72.4020, -1.1920,
-0.4240

■ 74.7940, 3.5760,
1.2720

■ 77.4740, 7.4730,
2.2330

■ 80.1540, 11.3700,
3.1940

■ 82.5460, 16.1380,
4.8900

Harmonies

Analogous

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



60.5310, -15.0370, -8.3250



59.8770, -21.8230, -6.4870



61.3980, -21.7320, -2.6280

Triad

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



59.8770, -21.8230, -6.4870



66.0210, 4.6750, 8.8910



63.9380, 11.7380, -3.4780

Complementary

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



59.8770, -21.8230, -6.4870



48.1230, 21.8230, 6.4870

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.



64.9110, 16.3680, 0.7200



59.8770, -21.8230, -6.4870



65.8000, 12.6070, 8.3110

Square

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



59.8770, -21.8230, -6.4870



65.4650, -5.5030, 6.1210



65.8450, 16.7340, 5.1020



63.5240, 4.0360, -7.0680

Rectangle

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



59.8770, -21.8230, -6.4870



62.6590, -17.9730, 0.8350



65.8450, 16.7340, 5.1020



64.2480, 13.8010, -2.3190

Sweetspot

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



59.8770, -21.8230, -6.4870



88.9280, -8.6650, -2.6570



57.6480, -11.4130, -18.9410



45.3090, -5.3640, -1.9080



176.0000, -0.0000, -0.0000



48.0000, -0.0000, 0.0000

Same Dimension

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



59.8770, -21.8230, -6.4870



74.3100, -33.4680, -10.2040



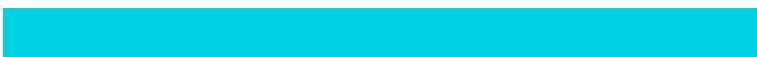
48.7240, -16.5980, 3.4500



34.2170, -2.1090, -0.3250



65.2900, -57.0790, -17.3270



148.5610, -130.3420, -38.7100

Inverse Universe

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



50.3520, 11.4130, 18.9410



59.4980, 17.2340, 29.0900



59.2760, 16.5980, -3.4500



33.5380, 1.4210, 1.7810



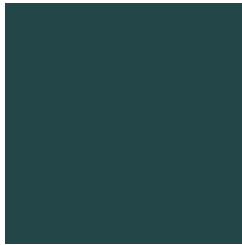
40.0890, 29.4720, 49.6000



91.6990, 68.2030, 113.1230

Previews

White Background



This preview shows how the YIQ color 59.8770, -21.8230, -6.4870 looks on a white background.

Color Contrast Check

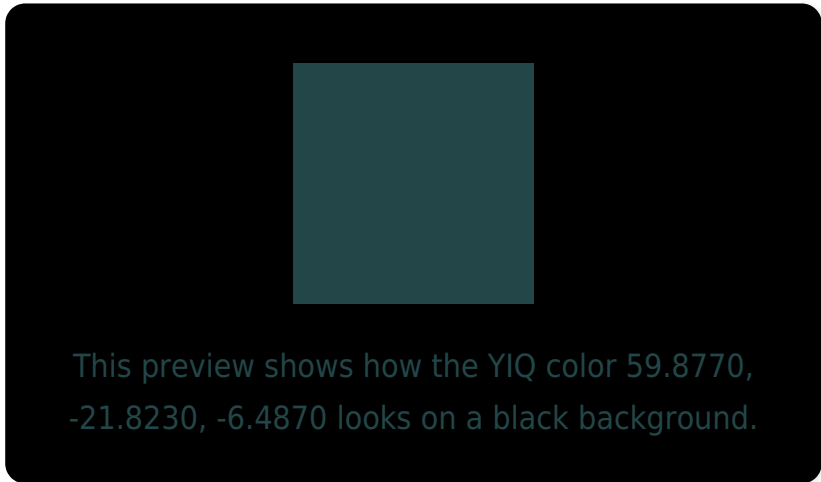
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

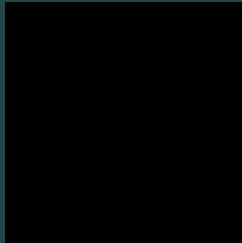
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 59.8770, -21.8230, -6.4870

Background



This preview shows how black text looks on a background with the YIQ color 59.8770, -21.8230, -6.4870.



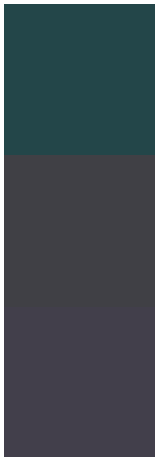
This preview shows how white text looks on a background with the YIQ color 59.8770, -21.8230,

-6.4870.

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

59.8770, -21.8230, -6.4870

Protanopia

64.5700, -1.6050, 1.5550

Deuteranopia

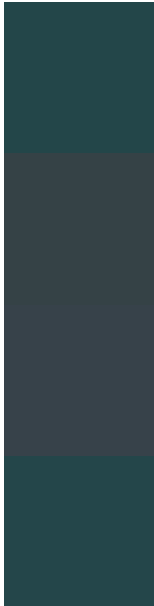
65.2650, -2.0640, 4.3680



Tritanopia

60.4040, -21.8690, -5.6530

Trichromacy



Original Color

59.8770, -21.8230, -6.4870

Protanomaly

62.5690, -9.0320, -1.5120

Deuteranomaly

63.6230, -9.1240, 0.1560

Tritanomaly

60.2900, -21.5480, -5.9640

Monochromacy



Original Color

59.8770, -21.8230, -6.4870

Achromatopsia

60.0000, -0.0000, -0.0000

Achromatomaly

60.2270, -8.0690, -2.4450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 59.8770, -21.8230, -6.4870 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(35, 70, 73)` looks like.

```
.text, #text, p{  
    color:rgb(35, 70, 73)  
}
```

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(35, 70, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 70, 73) }
```

Border

The CSS property to change the border of an element to YIQ 59.8770, -21.8230, -6.4870 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(35, 70, 73) }
```


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

```
.border{ border-color:rgb(35, 70, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 70, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 70, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 70, 73);  
box-shadow:4px 4px 4px 4px rgb(35, 70, 73)  
}
```

Background

The CSS property to change the background color of an element to YIQ 59.8770, -21.8230, -6.4870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 70, 73) }
```

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

```
.background{ background-color: rgb(35, 70,  
73) }
```

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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