

Converting Colors

YIQ(69.7740, -10.8670, 4.2130)

Have a look what the booklet for
YIQ(69.7740, -10.8670, 4.2130)
contains.

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Color

**YIQ(69.7740, -10.8670,
4.2130)**

Conversions

Conversions Part 1

Format	Color
Hex	3E4659
RGB	62, 70, 89
RGB Percent	24%, 27%, 35%
CMY	0.7569, 0.7255, 0.6510
CMYK	0.30, 0.21, 0.00, 0.65
HSL	222°, 18%, 30%
HSV	222°, 30%, 35%
XYZ	5.9794, 6.1258, 10.3152
YIQ	69.7740, -10.8670, 4.2130

Conversions

Conversions Part 2

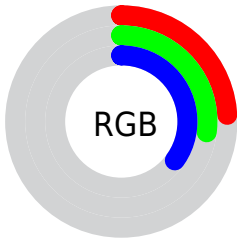
Format	Color
R_{YB}	62, 68, 89
Decimal	4081241
CIE Lab	29.73, 1.76, -12.33
CIE LCh	30, 12.457, 278.103
Yxy	6.1258, 0.2667, 0.2732
Android (android.graphics.Color)	4282271321 (0xFF3E4659)
YUV	69.7740, 9.4784, -6.8178
Hunter-Lab	24.7504, -0.1897, -7.3849

Details

The YIQ color **69.7740, -10.8670, 4.2130** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **81.2260, 10.8670, -4.2130**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.0020, -11.5090, 4.8350**, and **26.1330, -10.5000, 3.0680** is the 20% darker color. If you saturate the color by 10%, you get **63.5610, -14.5810, 5.4430**, and if you desaturate by 10%, it is **75.9870, -7.1530, 2.9830**.

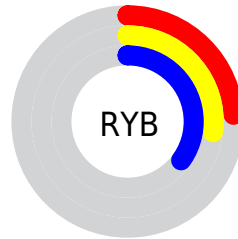
Distribution



Red (24%)

Green (27%)

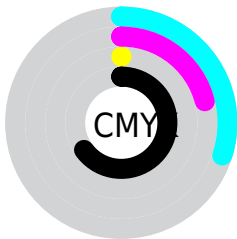
Blue (35%)



Red (24%)

Yellow (27%)

Blue (35%)

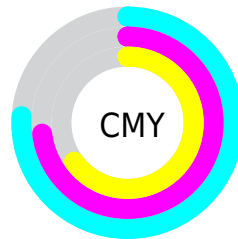


Cyan (30%)

Magenta (21%)

Yellow (0%)

Black (65%)



Cyan (76%)

Magenta (73%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 69.7740, -10.8670, 4.2130 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 69.7740, -10.8670, 4.2130 by changing the saturation by 10% instead.

■ 69.7740, -10.8670,
4.2130

■ 69.7740, -10.8670,
4.2130

■ 255.0000, -0.0000,
-0.0000

■ 47.6600, -10.5460,
3.9020

■ 118.0020,
-11.5090, 4.8350

■ 26.1330, -10.5000,
3.0680

■ 144.0020,
-11.5090, 4.8350

■ 3.2090, -7.6580,
6.6300

■ 170.1160,
-11.8300, 5.1460

■ 0.0000, 0.0000,
0.0000

■ 197.8170,
-12.4260, 4.9340

■ 225.3440,
-12.4720, 5.7680

■ 251.7220, -5.0890,

-1.3850

■ 69.7740, -10.8670,
4.2130

■ 69.7740, -10.8670,
4.2130

■ 63.5610, -14.5810,
5.4430

■ 75.9870, -7.1530,
2.9830

■ 56.7610, -18.0200,
7.1960

■ 82.7870, -3.7140,
1.2300

■ 50.5480, -21.7340,
8.4260

■ 89.0000, -0.0000,
-0.0000

■ 44.3350, -25.4480,
9.6560

■ 95.2130, 3.7140,
-1.2300

■ 38.4210, -28.5660,
11.0980

■ 101.1270, 6.8320,
-2.6720

■ 31.6210, -32.0050,
12.8510

■ 107.9270, 10.2710,
-4.4250

■ 25.4080, -35.7190,
14.0810

■ 114.1400, 13.9850,
-5.6550

■ 120.3530, 17.6990,
-6.8850

■ 126.5660, 21.4130,
-8.1150

Harmonies

Analogous

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



67.8330, -18.5230, -0.2110



69.7740, -10.8670, 4.2130



71.4440, -1.0100, 7.2940

Triad

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



69.7740, -10.8670, 4.2130



70.9050, 16.5050, 3.7450



67.0540, -9.2600, -8.3960

Complementary

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



69.7740, -10.8670, 4.2130



81.2260, 10.8670, -4.2130

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.



68.2570, 0.4140, -7.5060



69.7740, -10.8670, 4.2130



70.0740, 14.3510, -1.2730

Square

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



69.7740, -10.8670, 4.2130



71.6430, 14.4870, 7.2790



69.3290, 9.0790, -4.8490



66.2750, -17.1920, -7.8160

Rectangle

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



69.7740, -10.8670, 4.2130



71.7930, 5.3170, 8.2690



69.3290, 9.0790, -4.8490



67.0220, -6.2340, -8.1700

Sweetspot

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



69.7740, -10.8670, 4.2130



107.0150, -4.3560, 1.8520



80.0150, -13.5240, -8.2120



53.9720, -2.7970, 1.1310



186.0000, -0.0000, -0.0000



59.0000, 0.0000, -0.0000

Same Dimension

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



69.7740, -10.8670, 4.2130



85.4190, -17.0570, 6.2630



66.5730, -5.6870, 9.4570



40.0430, -1.5590, 0.7210



30.9820, -43.1470, 16.5410



67.8800, -94.6850, 36.4750

Inverse Universe

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



70.9850, 13.5240, 8.2120



87.0400, 20.8590, 12.9470



84.4270, 5.6870, -9.4570



40.3100, 2.0630, 1.1590



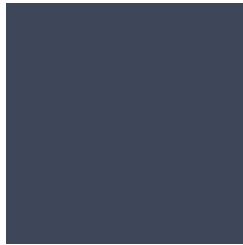
35.6410, 53.5000, 32.6360



78.2450, 117.5900, 71.5900

Previews

White Background



This preview shows how the YIQ color 69.7740, -10.8670, 4.2130 looks on a white background.

Color Contrast Check

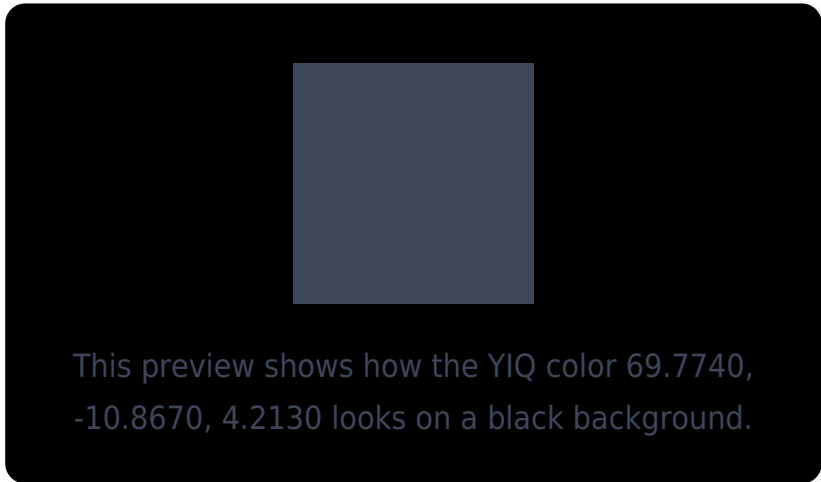
Large Text (above 18pt) WCAG AA ✓ Pass

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

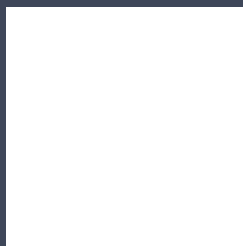
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 69.7740, -10.8670, 4.2130

Background



This preview shows how black text looks on a background with the YIQ color 69.7740, -10.8670, 4.2130.

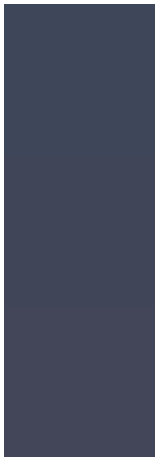


This preview shows how white text looks on a background with the YIQ color 69.7740, -10.8670,

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

69.7740, -10.8670, 4.2130

Protanopia

69.9700, -8.4830, 5.0610

Deuteranopia

70.6820, -7.6120, 5.7960



Tritanopia

69.0960, -9.0780, -0.6780

Trichromacy



Original Color

69.7740, -10.8670, 4.2130

Protanomaly

69.6710, -9.0790, 4.8490

Deuteranomaly

70.0840, -8.8040, 5.3720

Tritanomaly

69.2640, -9.4910, 1.3010

Monochromacy



Original Color

69.7740, -10.8670, 4.2130

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.9010, -4.0350, 1.5410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 69.7740, -10.8670, 4.2130 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(62, 70, 89)` looks like.

```
.text, #text, p{  
    color:rgb(62, 70, 89)  
}
```

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(62, 70, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 70, 89) }
```

Border

The CSS property to change the border of an element to YIQ 69.7740, -10.8670, 4.2130 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(62, 70, 89) }
```


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

```
.border{ border-color:rgb(62, 70, 89) }
```

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

Here you see how a box with a 4 pixel rgb(62, 70, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 70, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 70, 89);  
box-shadow:4px 4px 4px 4px rgb(62, 70, 89)  
}
```

Background

The CSS property to change the background color of an element to YIQ 69.7740, -10.8670, 4.2130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 70, 89) }
```

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

```
.background{ background-color: rgb(62, 70,  
89) }
```

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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