

Converting Colors

YIQ(70.9830, -1.3300, 2.0780)

Have a look what the booklet for
YIQ(70.9830, -1.3300, 2.0780)
contains.

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Color

**YIQ(70.9830, -1.3300,
2.0780)**

Conversions

Conversions Part 1

Format	Color
Hex	47464C
RGB	71, 70, 76
RGB Percent	28%, 27%, 30%
CMY	0.7216, 0.7255, 0.7020
CMYK	0.07, 0.08, 0.00, 0.70
HSL	250°, 4%, 29%
HSV	250°, 8%, 30%
XYZ	6.0932, 6.2417, 7.7206
YIQ	70.9830, -1.3300, 2.0780

Conversions

Conversions Part 2

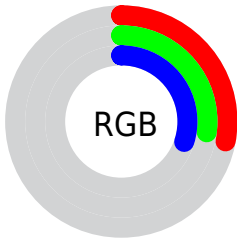
Format	Color
R_{YB}	71, 70, 76
Decimal	4671052
CIE Lab	30.01, 1.77, -3.45
CIE LCh	30, 3.876, 297.249
Yxy	6.2417, 0.3038, 0.3112
Android (android.graphics.Color)	4282861132 (0xFF47464C)
YUV	70.9830, 2.4734, 0.0149
Hunter-Lab	24.9834, -0.1865, -0.8341

Details

The YIQ color **70.9830, -1.3300, 2.0780** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **75.0170, 1.3300, -2.0780**, and the grayscale version is **71.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **119.0970, -1.6510, 2.3890**, and **27.8690, -1.0090, 1.7670** is the 20% darker color. If you saturate the color by 10%, you get **64.4930, -2.7060, 4.9900**, and if you desaturate by 10%, it is **77.4730, 0.0460, -0.8340**.

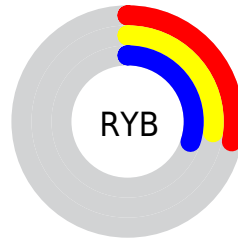
Distribution



 Red (28%)

 Green (27%)

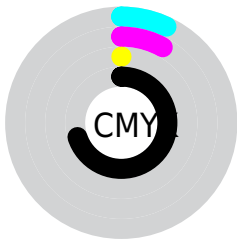
 Blue (30%)



 Red (28%)

 Yellow (27%)

 Blue (30%)

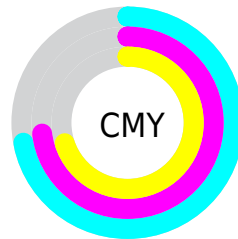


 Cyan (7%)

 Magenta (8%)

 Yellow (0%)

 Black (70%)



 Cyan (72%)

 Magenta (73%)

 Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 70.9830, -1.3300, 2.0780 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 70.9830, -1.3300, 2.0780 by changing the saturation by 10% instead.

■ 70.9830, -1.3300,
2.0780

■ 70.9830, -1.3300,
2.0780

255.0000, -0.0000,
-0.0000

■ 48.8690, -1.0090,
1.7670

■ 119.0970, -1.6510,
2.3890

■ 27.8690, -1.0090,
1.7670

■ 145.0970, -1.6510,
2.3890

■ 1.3250, -2.2930,
3.0110

■ 171.3960, -1.0550,
2.6010

■ 0.0000, 0.0000,
0.0000

■ 199.0970, -1.6510,
2.3890

■ 227.0970, -1.6510,
2.3890

254.4130, 0.2750,

0.5230

■ 70.9830, -1.3300,
2.0780

■ 70.9830, -1.3300,
2.0780

■ 64.4930, -2.7060,
4.9900

■ 77.4730, 0.0460,
-0.8340

■ 58.2910, -4.9530,
7.1670

■ 83.6750, 2.2930,
-3.0110

■ 51.8010, -6.3290,
10.0790

■ 90.1650, 3.6690,
-5.9230

■ 45.8980, -7.9800,
12.4680

■ 96.0680, 5.3200,
-8.3120

■ 39.1090, -9.9520,
15.1680

■ 102.8570, 7.2920,
-11.0120

■ 32.6190, -11.3280,
18.0800

■ 109.3470, 8.6680,
-13.9240

■ 26.7160, -12.9790,
20.4690

■ 115.2500, 10.3190,
-16.3130

■ 19.9270, -14.9510,
23.1690

■ 122.0390, 12.2910,
-19.0130

■ 14.0240, -16.6020,
25.5580

■ 127.9420, 13.9420,
-21.4020

Harmonies

Analogous

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



70.4880, -4.3100, 1.0180



70.9830, -1.3300, 2.0780



71.0650, 1.3750, 2.6150

Triad

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



70.9830, -1.3300, 2.0780



70.7510, 5.1350, 0.5510



69.3800, -4.1260, -2.3180

Complementary

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



70.9830, -1.3300, 2.0780



75.0170, 1.3300, -2.0780

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.



69.9350, -1.3750, -2.6150



70.9830, -1.3300, 2.0780



70.6260, 3.9890, -0.7070

Square

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



70.9830, -1.3300, 2.0780



71.2780, 5.0890, 1.3850



70.0170, 1.3300, -2.0780



69.4230, -5.6850, -1.5970

Rectangle

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



70.9830, -1.3300, 2.0780



71.4350, 3.2090, 2.4170



70.0170, 1.3300, -2.0780



69.5650, -3.2090, -2.4170

Sweetspot

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



70.9830, -1.3300, 2.0780



97.5270, -0.0460, 0.8340



73.6190, -3.3010, -0.7490



50.1140, -0.3210, 0.3110



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



70.9830, -1.3300, 2.0780



91.6240, -1.6970, 3.2230



71.8800, 0.4580, 2.7140



34.7550, -0.6880, 1.4560



16.7110, -22.6100, 35.3260



37.5820, -51.1820, 79.5860

Inverse Universe

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



72.3640, 1.9710, 2.8270



93.6030, 2.7960, 4.3960



74.1200, -0.4580, -2.7140



35.6520, 1.1000, 2.0920



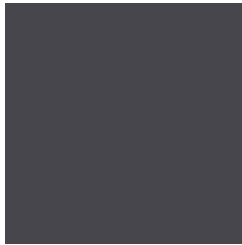
40.1880, 33.5070, 48.0590



90.5440, 75.7690, 108.1610

Previews

White Background



This preview shows how the YIQ color 70.9830, -1.3300, 2.0780 looks on a white background.

Color Contrast Check

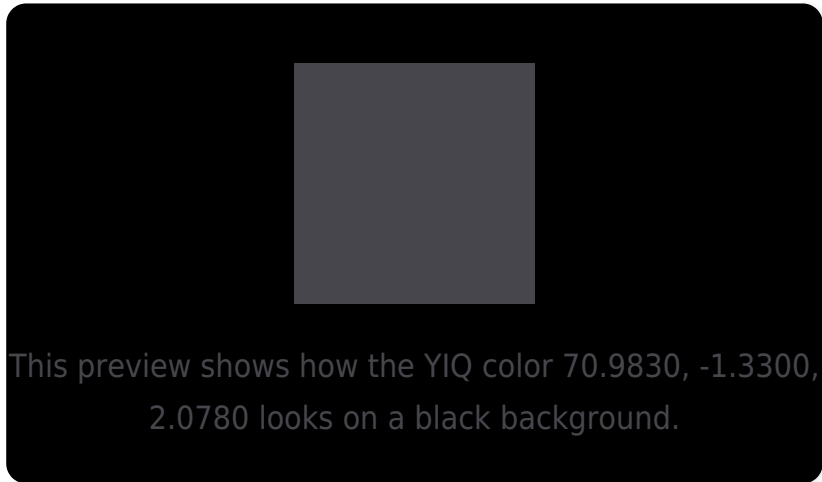
Large Text (above 18pt) WCAG AA ✓ Pass

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

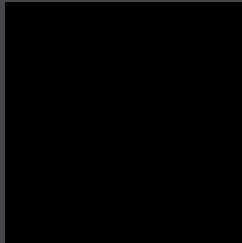
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 70.9830, -1.3300, 2.0780

Background



This preview shows how black text looks on a background with the YIQ color 70.9830, -1.3300, 2.0780.



This preview shows how white text looks on a background with the YIQ color 70.9830, -1.3300,

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

70.9830, -1.3300, 2.0780

Protanopia

70.6840, -1.9260, 1.8660

Deuteranopia

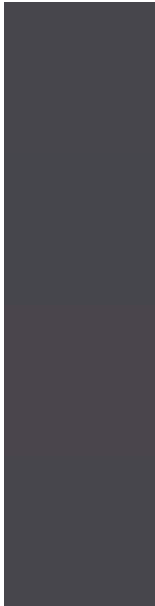
71.5920, 1.3290, 3.4490



Tritanopia

70.9830, -1.3300, 2.0780

Trichromacy



Original Color

70.9830, -1.3300, 2.0780

Protanomaly

70.6840, -1.9260, 1.8660

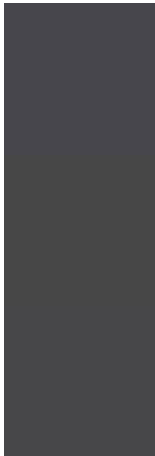
Deuteranomaly

71.2930, 0.7330, 3.2370

Tritanomaly

70.9830, -1.3300, 2.0780

Monochromacy



Original Color

70.9830, -1.3300, 2.0780

Achromatopsia

71.0000, -0.0000, -0.0000

Achromatomaly

71.2280, -0.6420, 0.6220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 70.9830, -1.3300, 2.0780 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(71, 70, 76)` looks like.

```
.text, #text, p{  
    color:rgb(71, 70, 76)  
}
```

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(71, 70, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 70, 76) }
```

Border

The CSS property to change the border of an element to YIQ 70.9830, -1.3300, 2.0780 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(71, 70, 76) }
```


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

```
.border{ border-color:rgb(71, 70, 76) }
```

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

Here you see how a box with a 4 pixel rgb(71, 70, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 70, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 70, 76);  
box-shadow:4px 4px 4px 4px rgb(71, 70, 76)  
}
```

Background

The CSS property to change the background color of an element to YIQ 70.9830, -1.3300, 2.0780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 70, 76) }
```

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

```
.background{ background-color: rgb(71, 70,  
76) }
```

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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