

Converting Colors

YIQ(36.7370, -9.4450, 0.4670)

Have a look what the booklet for
YIQ(36.7370, -9.4450, 0.4670)
contains.

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Color

**YIQ(36.7370, -9.4450,
0.4670)**

Conversions

Conversions Part 1

Format	Color
Hex	1C2730
RGB	28, 39, 48
RGB Percent	11%, 15%, 19%
CMY	0.8902, 0.8470, 0.8118
CMYK	0.42, 0.19, 0.00, 0.81
HSL	207°, 26%, 15%
HSV	207°, 42%, 19%
XYZ	1.7377, 1.9115, 3.0724
YIQ	36.7370, -9.4450, 0.4670

Conversions

Conversions Part 2

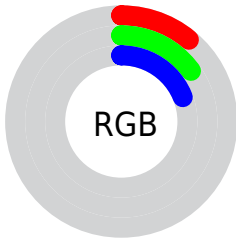
Format	Color
RYB	28, 35, 48
Decimal	1845040
CIELab	15.02, -1.97, -7.41
CIElCh	15, 7.671, 255.127
Yxy	1.9115, 0.2585, 0.2844
Android (android.graphics.Color)	4280035120 (0xFF1C2730)
YUV	36.7370, 5.5527, -7.6623
Hunter-Lab	13.8255, -1.7596, -3.4981

Details

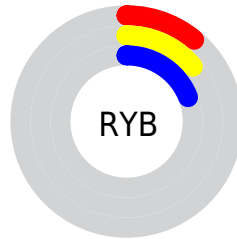
The YIQ color **36.7370, -9.4450, 0.4670** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **39.2630, 9.4450, -0.4670**, and the grayscale version is **37.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **81.5520, -10.3620, 0.5660**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **34.0680, -11.8750, 0.4530**, and if you desaturate by 10%, it is **39.4060, -7.0150, 0.4810**.

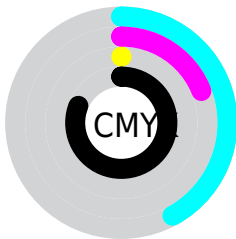
Distribution



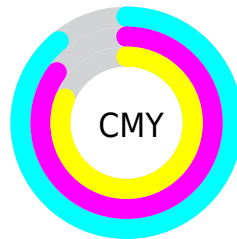
- Red (11%)
- Green (15%)
- Blue (19%)



- Red (11%)
- Yellow (14%)
- Blue (19%)



- Cyan (42%)
- Magenta (19%)
- Yellow (0%)
- Black (81%)



- Cyan (89%)
- Magenta (85%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 36.7370, -9.4450, 0.4670 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 36.7370, -9.4450, 0.4670 by changing the saturation by 10% instead.

■ 36.7370, -9.4450,
0.4670

■ 36.7370, -9.4450,
0.4670

■ 255.0000, -0.0000,
-0.0000

■ 15.1390, -10.6370,
0.0430

■ 81.5520, -10.3620,
0.5660

■ 0.0000, 0.0000,
0.0000

■ 105.6660,
-10.6830, 0.8770

■ 130.6660,
-10.6830, 0.8770

■ 156.7800,
-11.0040, 1.1880

■ 183.7800,
-11.0040, 1.1880

■ 211.4810,

-11.6000, 0.9760

■ 239.5950,
-11.9210, 1.2870

■ 36.7370, -9.4450,
0.4670

■ 36.7370, -9.4450,
0.4670

■ 34.0680, -11.8750,
0.4530

■ 39.4060, -7.0150,
0.4810

■ 31.3990, -14.3050,
0.4390

■ 42.0750, -4.5850,
0.4950

■ 29.0290, -16.1390,
0.6370

■ 44.4450, -2.7510,
0.2970

■ 25.7730, -18.2940,
1.1460

■ 47.7010, -0.5960,
-0.2120

■ 23.1040, -20.7240,
1.1320

■ 50.3700, 1.8340,
-0.1980

■ 20.7340, -22.5580,
1.3300

■ 53.0390, 4.2640,
-0.1840

■ 55.7080, 6.6940,
-0.1700

■ 58.0780, 8.5280,
-0.3680

■ 60.7470, 10.9580,
-0.3540

Harmonies

Analogous

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



35.4870, -11.7370, -2.0490



36.7370, -9.4450, 0.4670



37.6560, -4.7230, 2.9970

Triad

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



36.7370, -9.4450, 0.4670



38.5990, 8.6190, 3.4910



36.7670, -0.9620, -4.5940

Complementary

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



36.7370, -9.4450, 0.4670



39.2630, 9.4450, -0.4670

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.



37.0450, 4.1270, -3.2090



36.7370, -9.4450, 0.4670



38.3170, 9.3530, 1.2010

Square

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



36.7370, -9.4450, 0.4670



38.6850, 5.5010, 4.9330



37.3660, 7.6570, -1.1030



36.1300, -6.4180, -4.8340

Rectangle

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



36.7370, -9.4450, 0.4670



38.4500, -1.1470, 4.2690



37.3660, 7.6570, -1.1030



36.6640, 0.8260, -3.9580

Sweetspot

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



36.7370, -9.4450, 0.4670



57.1460, -3.3470, 0.0850



40.7660, -8.3890, -7.6610



28.3310, -2.4300, -0.0140



158.0000, -0.0000, 0.0000



31.0000, -0.0000, -0.0000

Same Dimension

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



36.7370, -9.4450, 0.4670



43.8120, -14.0300, 0.9620



30.8670, -6.6950, 5.6970



21.8150, -0.9170, 0.0990



38.0940, -41.1270, 1.9530



93.6620, -101.1440, 4.8400

Inverse Universe

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



35.2340, 8.3890, 7.6610



41.7940, 12.7440, 11.3360



45.1330, 6.6950, -5.6970



21.7120, 0.8710, 0.7350



31.4850, 36.4440, 33.3720



77.4380, 89.6660, 82.0660

Previews

White Background



This preview shows how the YIQ color 36.7370, -9.4450, 0.4670 looks on a white background.

Color Contrast Check

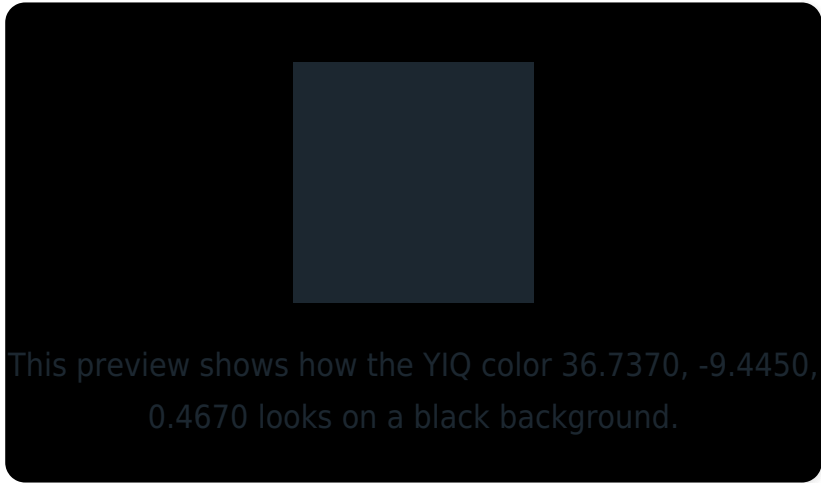
Large Text (above 18pt) WCAG AA ✓ Pass

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

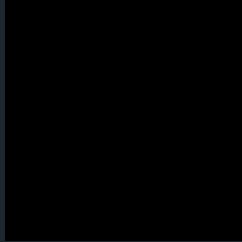
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

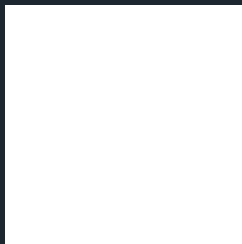
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 36.7370, -9.4450, 0.4670

Background



This preview shows how black text looks on a background with the YIQ color 36.7370, -9.4450, 0.4670.



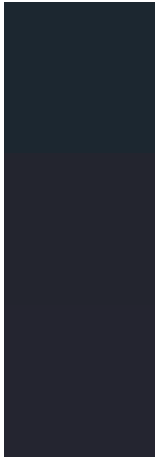
This preview shows how white text looks on a background with the YIQ color 36.7370, -9.4450,

0.4670.

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

36.7370, -9.4450, 0.4670

Protanopia

37.5420, -4.4020, 2.6860

Deuteranopia

37.9550, -4.1270, 3.2090



Tritanopia

36.4550, -8.7110, -1.8230

Trichromacy



Original Color

36.7370, -9.4450, 0.4670

Protanomaly

37.2320, -6.4650, 1.5270

Deuteranomaly

37.6450, -6.1900, 2.0500

Tritanomaly

36.6830, -9.3530, -1.2010

Monochromacy



Original Color

36.7370, -9.4450, 0.4670

Achromatopsia

37.0000, -0.0000, 0.0000

Achromatomaly

37.1460, -3.3470, 0.0850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 36.7370, -9.4450, 0.4670 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(28, 39, 48)` looks like.

```
.text, #text, p{  
    color:rgb(28, 39, 48)  
}
```

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(28, 39, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 39, 48) }
```

Border

The CSS property to change the border of an element to YIQ 36.7370, -9.4450, 0.4670 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(28, 39, 48) }
```


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

```
.border{ border-color:rgb(28, 39, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 39, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 39, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 39, 48);  
box-shadow:4px 4px 4px 4px rgb(28, 39, 48)  
}
```

Background

The CSS property to change the background color of an element to YIQ 36.7370, -9.4450, 0.4670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 39, 48) }
```

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

```
.background{ background-color: rgb(28, 39,  
48) }
```

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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