

Converting Colors

YIQ(21.9370, -3.7160, 12.2840)

Have a look what the booklet for
YIQ(21.9370, -3.7160, 12.2840)
contains.

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Color

**YIQ(21.9370, -3.7160,
12.2840)**

Conversions

Conversions Part 1

Format	Color
Hex	1A0F2F
RGB	26, 15, 47
RGB Percent	10%, 6%, 18%
CMY	0.8980, 0.9412, 0.8157
CMYK	0.45, 0.68, 0.00, 0.82
HSL	261°, 52%, 12%
HSV	261°, 68%, 18%
XYZ	1.1099, 0.7664, 2.7777
YIQ	21.9370, -3.7160, 12.2840

Conversions

Conversions Part 2

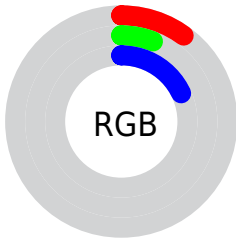
Format	Color
RYB	26, 15, 47
Decimal	1707823
CIELab	6.92, 14.63, -19.35
CIELCh	7, 24.261, 307.089
Yxy	0.7664, 0.2385, 0.1647
Android (android.graphics.Color)	4279897903 (0xFF1A0F2F)
YUV	21.9370, 12.3561, 3.5633
Hunter-Lab	8.7547, 7.3102, -12.6834

Details

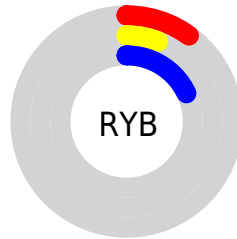
The YIQ color **21.9370, -3.7160, 12.2840** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **40.0630, 3.7160, -12.2840**, and the grayscale version is **22.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **65.2900, -3.2120, 14.1640**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **18.1050, -4.1290, 14.2630**, and if you desaturate by 10%, it is **25.7690, -3.3030, 10.3050**.

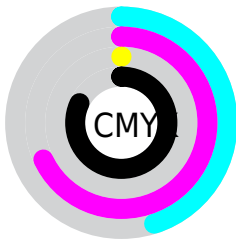
Distribution



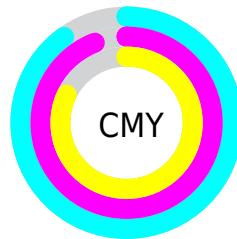
- Red (10%)
- Green (6%)
- Blue (18%)



- Red (10%)
- Yellow (6%)
- Blue (18%)



- Cyan (45%)
- Magenta (68%)
- Yellow (0%)
- Black (82%)



- Cyan (90%)
- Magenta (94%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 21.9370, -3.7160, 12.2840 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 21.9370, -3.7160, 12.2840 by changing the saturation by 10% instead.

■ 21.9370, -3.7160,
12.2840

■ 21.9370, -3.7160,
12.2840

■ 245.0210, 4.6750,
8.8910

■ 2.9640, -8.3460,
8.0860

■ 65.2900, -3.2120,
14.1640

■ 0.0000, 0.0000,
0.0000

■ 88.8170, -3.2580,
14.9980

■ 113.3440, -3.3040,
15.8320

■ 138.7570, -3.0290,
16.3550

■ 165.2840, -3.0750,
17.1890

■ 192.3980, -3.3960,

17.5000

■ 220.6970, -2.8000,
17.7120

■ 21.9370, -3.7160,
12.2840

■ 21.9370, -3.7160,
12.2840

■ 18.1050, -4.1290,
14.2630

■ 25.7690, -3.3030,
10.3050

■ 14.8600, -4.8170,
15.7190

■ 29.0140, -2.6150,
8.8490

■ 11.0280, -5.2300,
17.6980

■ 32.8460, -2.2020,
6.8700

■ 10.1420, -5.5510,
18.0090

■ 36.6780, -1.7890,
4.8910

■ 39.9230, -1.1010,
3.4350

■ 43.7550, -0.6880,
1.4560

■ 47.8860, 0.3210,
-0.3110

■ 51.7180, 0.7340,
-2.2900

■ 54.9630, 1.4220,
-3.7460

Harmonies

Analogous

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



18.9560, -23.0630, 4.9770



21.9370, -3.7160, 12.2840



20.2550, 13.0640, 16.5520

Triad

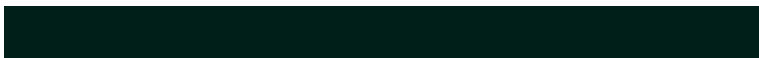
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



21.9370, -3.7160, 12.2840



20.7540, 18.2480, -0.3120



21.0470, -16.5500, -8.4380

Complementary

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



21.9370, -3.7160, 12.2840



40.0630, 3.7160, -12.2840

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.



17.7240, -8.5710, -15.3790



21.9370, -3.7160, 12.2840



20.3890, 8.8500, -6.2060

Square

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



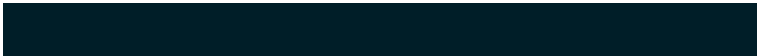
21.9370, -3.7160, 12.2840



18.1620, 26.0870, 6.3030



16.1480, -6.8290, -13.9090



22.1700, -21.0900, -3.2500

Rectangle

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



21.9370, -3.7160, 12.2840



18.8490, 20.0790, 16.0710



16.1480, -6.8290, -13.9090



20.3630, -14.6240, -10.3040

Sweetspot

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



21.9370, -3.7160, 12.2840



51.5640, -1.4680, 4.5800



30.9750, -16.0470, -1.0310



24.8090, -0.7800, 3.1240



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.



21.9370, -3.7160, 12.2840



21.7830, -5.9180, 19.1540



26.7210, 5.8200, 15.6760



21.2280, -0.6420, 0.6220



18.8880, -10.0470, 33.4170



46.5220, -24.5900, 82.2420

Inverse Universe

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



26.9620, 12.3310, 13.3150



29.7120, 19.2070, 20.8630



35.2790, -5.8200, -15.6760



21.7120, 0.8710, 0.7350



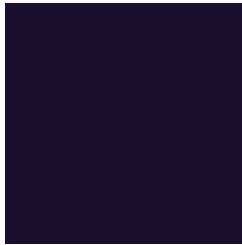
32.5110, 33.5550, 36.1710



79.9460, 82.6040, 88.9080

Previews

White Background



This preview shows how the YIQ color 21.9370, -3.7160, 12.2840 looks on a white background.

Color Contrast Check

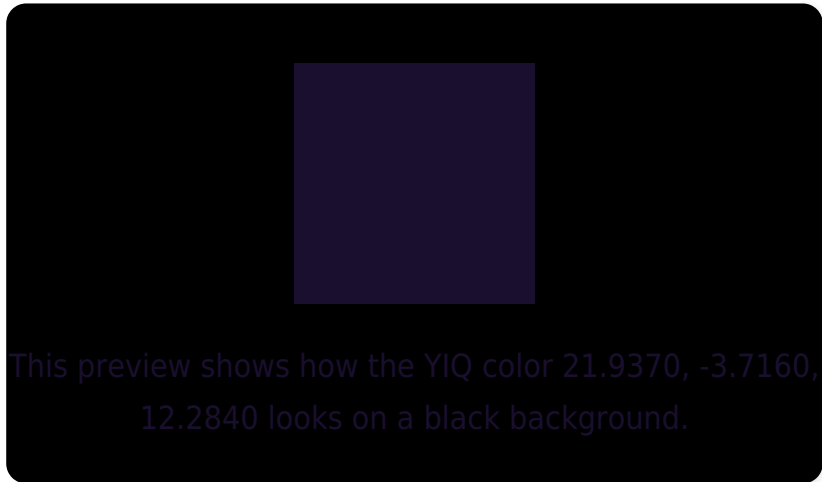
Large Text (above 18pt) WCAG AA ✓ Pass

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

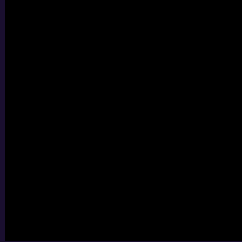
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 21.9370, -3.7160, 12.2840

Background



This preview shows how black text looks on a background with the YIQ color 21.9370, -3.7160, 12.2840.



This preview shows how white text looks on a background with the YIQ color 21.9370, -3.7160,

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

21.9370, -3.7160, 12.2840

Protanopia

17.4570, -20.2200, 3.0120

Deuteranopia

17.9470, -18.8440, 0.1000



Tritanopia

21.6300, -1.8340, 0.1980

Trichromacy



Original Color

21.9370, -3.7160, 12.2840

Protanomaly

19.0880, -14.6270, 6.2770

Deuteranomaly

19.2190, -13.6180, 4.5100

Tritanomaly

21.3790, -2.3850, 4.6790

Monochromacy



Original Color

21.9370, -3.7160, 12.2840

Achromatopsia

22.0000, -0.0000, -0.0000

Achromatomaly

21.5640, -1.4680, 4.5800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 21.9370, -3.7160, 12.2840 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(26, 15, 47)` looks like.

```
.text, #text, p{  
    color:rgb(26, 15, 47)  
}
```

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(26, 15, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 15, 47) }
```

Border

The CSS property to change the border of an element to YIQ 21.9370, -3.7160, 12.2840 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(26, 15, 47) }
```


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

```
.border{ border-color:rgb(26, 15, 47) }
```

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

Here you see how a box with a 4 pixel rgb(26, 15, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 15, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 15, 47);  
box-shadow:4px 4px 4px 4px rgb(26, 15, 47)  
}
```

Background

The CSS property to change the background color of an element to YIQ 21.9370, -3.7160, 12.2840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 15, 47) }
```

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

```
.background{ background-color: rgb(26, 15,  
47) }
```

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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