

Converting Colors

YIQ(21.0870, 13.4770, 14.5730)

Have a look what the booklet for
YIQ(21.0870, 13.4770, 14.5730)
contains.

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Color

**YIQ(21.0870, 13.4770,
14.5730)**

Conversions

Conversions Part 1

Format	Color
Hex	2B081F
RGB	43, 8, 31
RGB Percent	17%, 3%, 12%
CMY	0.8313, 0.9687, 0.8784
CMYK	0.00, 0.81, 0.28, 0.83
HSL	321°, 69%, 10%
HSV	321°, 81%, 17%
XYZ	1.3314, 0.7865, 1.3786
YIQ	21.0870, 13.4770, 14.5730

Conversions

Conversions Part 2

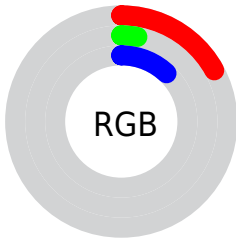
Format	Color
R_{YB}	43, 8, 31
Decimal	2820127
CIE _{Lab}	7.10, 20.94, -6.78
CIE _{LCh}	7, 22.014, 342.062
Yxy	0.7865, 0.3808, 0.2249
Android (android.graphics.Color)	4281010207 (0xFF2B081F)
YUV	21.0870, 4.8871, 19.2177
Hunter-Lab	8.8682, 11.2795, -3.0090

Details

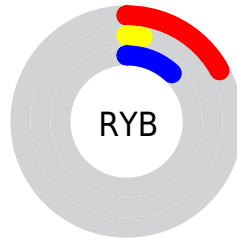
The YIQ color **21.0870, 13.4770, 14.5730** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **29.9130, -13.4770, -14.5730**, and the grayscale version is **21.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **65.9840, 15.2650, 15.2090**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **18.6250, 14.8980, 16.3540**, and if you desaturate by 10%, it is **23.5490, 12.0560, 12.7920**.

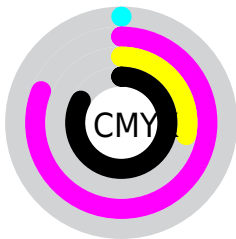
Distribution



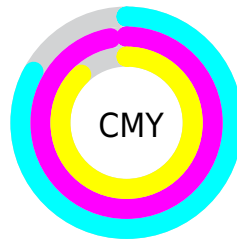
- Red (17%)
- Green (3%)
- Blue (12%)



- Red (17%)
- Yellow (3%)
- Blue (12%)



- Cyan (0%)
- Magenta (81%)
- Yellow (28%)
- Black (83%)



- Cyan (83%)
- Magenta (97%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 21.0870, 13.4770, 14.5730 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 21.0870, 13.4770, 14.5730 by changing the saturation by 10% instead.

■ 21.0870, 13.4770,
14.5730

■ 21.0870, 13.4770,
14.5730

■ 242.0860, 6.0500,
11.5060

■ 5.9520, 9.1230,
5.3710

■ 65.9840, 15.2650,
15.2090

■ 0.0000, 0.0000,
0.0000

■ 89.6960, 16.1360,
15.9440


■ 114.4080, 17.0070,
16.6790


■ 140.0060, 18.1990,
17.1030


■ 167.0060, 18.1990,
17.1030


■ 194.0170, 19.6660,


18.0500


 222.1310, 19.3450,
18.3610


 21.0870, 13.4770,
14.5730


 21.0870, 13.4770,
14.5730

 18.6250, 14.8980,
16.3540


 23.5490, 12.0560,
12.7920

 16.0490, 16.6400,
17.8240

 26.7120, 10.0390,
10.7990

 29.1740, 8.6180,
9.0180

 31.7500, 6.8760,
7.5480

 34.2120, 5.4550,
5.7670

■ 37.3750, 3.4380,
3.7740

■ 39.8370, 2.0170,
1.9930

■ 42.4130, 0.2750,
0.5230

■ 45.4620, -1.4210,
-1.7810

Harmonies

Analogous

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



22.6770, -0.0480, 11.8880



21.0870, 13.4770, 14.5730



19.5840, 22.1430, 11.7030

Triad

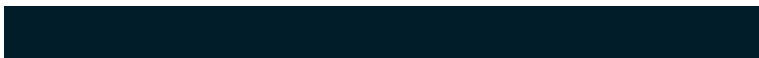
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



21.0870, 13.4770, 14.5730



20.3780, 7.3830, -7.1530



21.6970, -21.1360, -2.4160

Complementary

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



21.0870, 13.4770, 14.5730



29.9130, -13.4770, -14.5730

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.



20.6880, -16.9170, -7.2930



21.0870, 13.4770, 14.5730



16.4470, -6.2330, -13.6970

Square

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



21.0870, 13.4770, 14.5730



21.3300, 16.5060, -1.7820



17.9350, -10.5430, -12.6790



20.8480, -22.8790, 1.6410

Rectangle

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



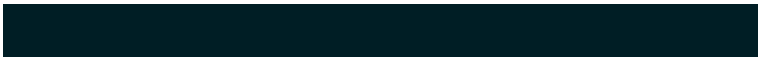
21.0870, 13.4770, 14.5730



19.3360, 25.5370, 5.2570



17.9350, -10.5430, -12.6790



21.8280, -20.1270, -4.1830

Sweetspot

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



21.0870, 13.4770, 14.5730



47.7990, 5.1800, 5.2440



15.5780, -4.0830, 13.4290



22.9620, 3.1630, 3.2510



156.0000, -0.0000, -0.0000



28.0000, -0.0000, 0.0000

Same Dimension

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



21.0870, 13.4770, 14.5730



21.5490, 21.2240, 22.8560



19.1490, 18.9340, 9.2860



18.8260, 0.5500, 1.0460



31.3860, 32.4090, 34.9130



79.2340, 81.7330, 88.1730

Inverse Universe

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



21.0870, 13.4770, 14.5730



21.5490, 21.2240, 22.8560



31.8510, -18.9340, -9.2860



18.8260, 0.5500, 1.0460



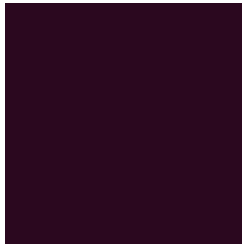
31.3860, 32.4090, 34.9130



79.2340, 81.7330, 88.1730

Previews

White Background



This preview shows how the YIQ color 21.0870, 13.4770, 14.5730 looks on a white background.

Color Contrast Check

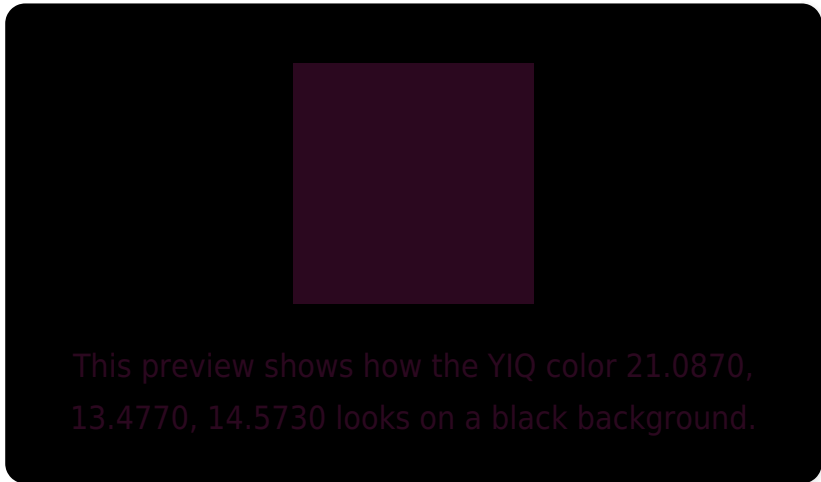
Large Text (above 18pt) WCAG AA ✓ Pass

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

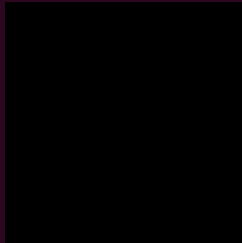
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 21.0870, 13.4770, 14.5730

Background



This preview shows how black text looks on a background with the YIQ color 21.0870, 13.4770, 14.5730.



This preview shows how white text looks on a background with the YIQ color 21.0870, 13.4770,

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

21.0870, 13.4770, 14.5730

Protanopia

22.7740, -10.8670, 4.2130

Deuteranopia

23.9830, -1.3300, 2.0780



Tritanopia

22.4860, 16.3670, 6.2470

Trichromacy



Original Color

21.0870, 13.4770, 14.5730

Protanomaly

22.3730, -2.2480, 7.7040

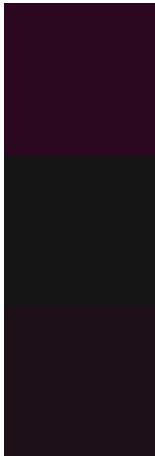
Deuteranomaly

23.2550, 3.8960, 6.4880

Tritanomaly

21.9960, 14.9910, 9.1590

Monochromacy



Original Color

21.0870, 13.4770, 14.5730

Achromatopsia

21.0000, -0.0000, -0.0000

Achromatomaly

20.9130, 4.8590, 5.5550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 21.0870, 13.4770, 14.5730 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(43, 8, 31)` looks like.

```
.text, #text, p{  
    color:rgb(43, 8, 31)  
}
```

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(43, 8, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 8, 31) }
```

Border

The CSS property to change the border of an element to YIQ 21.0870, 13.4770, 14.5730 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(43, 8, 31) }
```


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

```
.border{ border-color:rgb(43, 8, 31) }
```

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

Here you see how a box with a 4 pixel rgb(43, 8, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 8, 31); -webkit-box-shadow:4px  
4px 4px 4px rgb(43, 8, 31); box-shadow:4px  
4px 4px 4px rgb(43, 8, 31) }
```

Background

The CSS property to change the background color of an element to YIQ 21.0870, 13.4770, 14.5730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 8, 31) }
```

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

```
.background{ background-color: rgb(43, 8,  
31) }
```

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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