

Converting Colors

YIQ(21.5730, -40.0770, 26.9870)

Have a look what the booklet for
YIQ(21.5730, -40.0770, 26.9870)
contains.

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Color

**YIQ(21.5730, -40.0770,
26.9870)**

Conversions

Conversions Part 1

Format	Color
Hex	000F70
RGB	0, 15, 112
RGB Percent	0%, 6%, 44%
CMY	0.9999, 0.9412, 0.5610
CMYK	1.00, 0.87, 0.00, 0.56
HSL	232°, 100%, 22%
HSV	232°, 100%, 44%
XYZ	3.0923, 1.5104, 15.4404
YIQ	21.5730, -40.0770, 26.9870

Conversions

Conversions Part 2

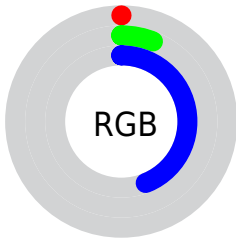
Format	Color
RYB	0, 13, 112
Decimal	3952
CIELab	12.67, 36.02, -54.86
CIELCh	13, 65.628, 303.293
Yxy	1.5104, 0.1543, 0.0754
Android (android.graphics.Color)	4278194032 (0xFF000F70)
YUV	21.5730, 44.5805, -18.9195
Hunter-Lab	12.2898, 23.4061, -65.8863

Details

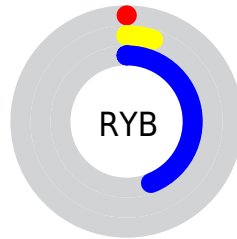
The YIQ color **21.5730, -40.0770, 26.9870** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **90.4270, 40.0770, -26.9870**, and the grayscale version is **21.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **75.8680, -24.4900, 36.3580**, and **8.9430, -21.0480, 18.0240** is the 20% darker color. If you saturate the color by 10%, you get **21.5730, -40.0770, 26.9870**, and if you desaturate by 10%, it is **30.7320, -36.2710, 24.0890**.

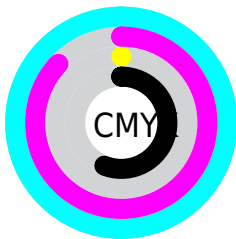
Distribution



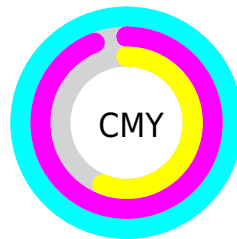
- Red (0%)
- Green (6%)
- Blue (44%)



- Red (0%)
- Yellow (5%)
- Blue (44%)



- Cyan (100%)
- Magenta (87%)
- Yellow (0%)
- Black (56%)



- Cyan (100%)
- Magenta (94%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 21.5730, -40.0770, 26.9870 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 21.5730, -40.0770, 26.9870 by changing the saturation by 10% instead.

■ 21.5730, -40.0770,
26.9870

■ 21.5730, -40.0770,
26.9870

■ 247.9560, 3.3000,
6.2760

■ 9.9180, -27.9270,
27.0570

■ 75.8680, -24.4900,
36.3580

■ 8.9430, -21.0480,
18.0240

■ 101.7050,
-22.4730, 38.3510

■ 6.3210, -13.6650,
10.8710

■ 128.0580,
-21.9690, 40.2310

■ 2.5250, -5.7320,
4.7640

■ 154.4110,
-21.4650, 42.1110

■ 0.0000, 0.0000,
0.0000

■ 179.5010,
-13.2110, 35.6930

■ 204.0210, -3.3520,

27.7200

■ 229.4270, 6.8280,
19.4360

■ 21.5730, -40.0770,
26.9870

■ 30.7320, -36.2710,
24.0890

■ 39.3040, -32.1900,
21.7140

■ 48.7620, -27.7880,
19.0280

■ 57.9210, -23.9820,
16.1300

■ 66.4930, -19.9010,
13.7550

■ 75.6520, -16.0950,
10.8570

■ 84.8110, -12.2890,
7.9590

■ 94.2690, -7.8870,
5.2730

■ 102.8410, -3.8060,
2.8980

Harmonies

Analogous

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



38.0720, -52.0880, 18.8880



21.5730, -40.0770, 26.9870



34.2640, 27.1810, 41.5570

Triad

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



21.5730, -40.0770, 26.9870



25.0500, 41.2620, 12.1260



32.3940, -25.0770, -13.5970

Complementary

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



21.5730, -40.0770, 26.9870



90.4270, 40.0770, -26.9870

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.



27.5890, -12.9250, -24.5810



21.5730, -40.0770, 26.9870



31.3200, 13.2980, -9.7260

Square

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



21.5730, -40.0770, 26.9870



28.7040, 57.2160, 20.3520



25.2410, -11.8250, -22.4890



38.8120, -40.3930, -0.3370

Rectangle

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



21.5730, -40.0770, 26.9870



35.3290, 45.7510, 35.4070



25.2410, -11.8250, -22.4890



29.9830, -19.6660, -18.0500

Sweetspot

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



21.5730, -40.0770, 26.9870



110.4240, -15.4530, 10.2350



76.5740, -61.2950, -29.0310



52.4260, -9.7670, 6.3050



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



21.5730, -40.0770, 26.9870



27.6830, -51.7700, 35.1580



24.4290, -12.7080, 43.1000



51.2710, -2.2010, 1.3430



23.0720, -42.9200, 28.9520



47.5290, -88.3620, 59.5580

Inverse Universe

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



35.1980, 61.9370, 28.4090



45.5210, 80.3210, 36.6490



87.5710, 12.7080, -43.1000



51.9080, 3.2550, 1.5830



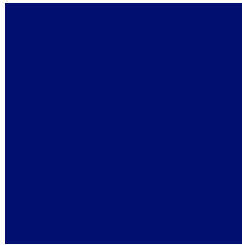
37.7040, 66.3840, 30.4160



77.6150, 136.6190, 62.6270

Previews

White Background



This preview shows how the YIQ color 21.5730, -40.0770, 26.9870 looks on a white background.

Color Contrast Check

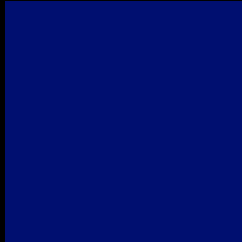
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YIQ color 21.5730, -40.0770, 26.9870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

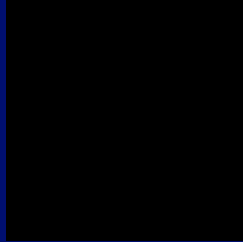
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 21.5730, -40.0770, 26.9870

Background



This preview shows how black text looks on a background with the YIQ color 21.5730, -40.0770, 26.9870.



This preview shows how white text looks on a background with the YIQ color 21.5730, -40.0770,

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

21.5730, -40.0770, 26.9870

Protanopia

28.1660, -32.4620, 4.6100

Deuteranopia

28.6730, -29.7560, -0.3800



Tritanopia

28.1540, -24.1610, -8.1690

Trichromacy



Original Color

21.5730, -40.0770, 26.9870

Protanomaly

25.7670, -35.3520, 12.9360

Deuteranomaly

26.1430, -33.6550, 9.7130

Tritanomaly

25.8350, -30.0320, 4.6240

Monochromacy



Original Color

21.5730, -40.0770, 26.9870

Achromatopsia

22.0000, -0.0000, -0.0000

Achromatomaly

21.6090, -14.5360, 10.1360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 21.5730, -40.0770, 26.9870 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(0, 15, 112)` looks like.

```
.text, #text, p{  
    color:rgb(0, 15, 112)  
}
```

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(0, 15, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 15, 112) }
```

Border

The CSS property to change the border of an element to YIQ 21.5730, -40.0770, 26.9870 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(0, 15, 112) }
```


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

```
.border{ border-color:rgb(0, 15, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 15, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 15, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 15, 112);  
box-shadow:4px 4px 4px 4px rgb(0, 15, 112)  
}
```

Background

The CSS property to change the background color of an element to YIQ 21.5730, -40.0770, 26.9870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 15, 112) }
```

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

```
.background{ background-color: rgb(0, 15,  
112) }
```

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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