

Converting Colors

YIQ(21.3570, -14.4870, -7.2790)

Have a look what the booklet for
YIQ(21.3570, -14.4870, -7.2790)
contains.

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Color

**YIQ(21.3570, -14.4870,
-7.2790)**

Conversions

Conversions Part 1

Format	Color
Hex	031E19
RGB	3, 30, 25
RGB Percent	1%, 12%, 10%
CMY	0.9883, 0.8823, 0.9020
CMYK	0.90, 0.00, 0.17, 0.88
HSL	169°, 82%, 6%
HSV	169°, 90%, 12%
XYZ	0.6772, 1.0185, 1.0798
YIQ	21.3570, -14.4870, -7.2790

Conversions

Conversions Part 2

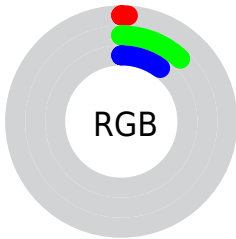
Format	Color
R_{YB}	3, 18, 30
Decimal	204313
CIE Lab	9.14, -11.67, 0.38
CIE LCh	9, 11.681, 178.120
Yxy	1.0185, 0.2440, 0.3670
Android (android.graphics.Color)	4278394393 (0xFF031E19)
YUV	21.3570, 1.7960, -16.0991
Hunter-Lab	10.0921, -5.6830, 0.7206

Details

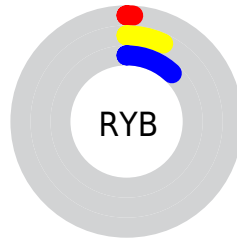
The YIQ color **21.3570, -14.4870, -7.2790** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **11.6430, 14.4870, 7.2790**, and the grayscale version is **21.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **65.2430, -14.1660, -7.5900**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **20.3460, -15.9540, -8.2260**, and if you desaturate by 10%, it is **22.3680, -13.0200, -6.3320**.

Distribution



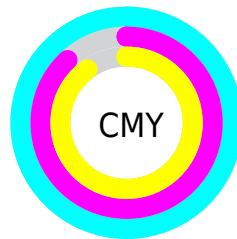
- Red (1%)
- Green (12%)
- Blue (10%)



- Red (1%)
- Yellow (7%)
- Blue (12%)



- Cyan (90%)
- Magenta (0%)
- Yellow (17%)
- Black (88%)



- Cyan (99%)
- Magenta (88%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 21.3570, -14.4870, -7.2790 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 21.3570, -14.4870, -7.2790 by changing the saturation by 10% instead.

■ 21.3570, -14.4870,
-7.2790

■ 21.3570, -14.4870,
-7.2790

■ 246.4710,
-14.8080, -6.9680

■ 0.0000, 0.0000,
0.0000

■ 65.2430, -14.1660,
-7.5900

■ 88.8300, -14.4410,
-8.1130


■ 113.5310,
-15.0370, -8.3250


■ 138.5310,
-15.0370, -8.3250


■ 165.2320,
-15.6330, -8.5370


■ 192.2320,


-15.6330, -8.5370


 220.8190,
-15.9080, -9.0600


 21.3570, -14.4870,
-7.2790


 21.3570, -14.4870,
-7.2790


 20.3460, -15.9540,
-8.2260

 22.3680, -13.0200,
-6.3320

 23.2650, -11.2320,
-5.6960

 24.2760, -9.7650,
-4.7490

 25.1730, -7.9770,
-4.1130

 26.1840, -6.5100,
-3.1660

■ 27.0810, -4.7220,
-2.5300

■ 28.0920, -3.2550,
-1.5830

■ 28.9890, -1.4670,
-0.9470

■ 30.0000, -0.0000,
-0.0000

Harmonies

Analogous

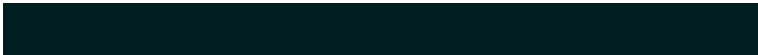
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



23.1470, -5.0880, -6.9120



21.3570, -14.4870, -7.2790



21.3720, -18.8430, -5.4270

Triad

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



21.3570, -14.4870, -7.2790



26.4220, -3.9440, 5.4000



25.3020, 13.7090, -0.6510

Complementary

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



21.3570, -14.4870, -7.2790



11.6430, 14.4870, 7.2790

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.



26.0510, 13.1580, 3.8300



21.3570, -14.4870, -7.2790



26.6680, 4.1710, 7.0110

Square

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



21.3570, -14.4870, -7.2790



24.4100, -12.8380, 1.3860



26.7780, 9.6730, 6.4170



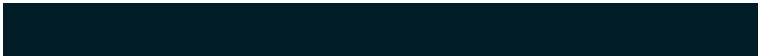
24.8130, 10.5920, -4.7360

Rectangle

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



21.3570, -14.4870, -7.2790



21.2410, -19.8520, -3.6600



26.7780, 9.6730, 6.4170



25.3560, 13.6170, 1.0170

Sweetspot

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



21.3570, -14.4870, -7.2790



34.7820, -5.3180, -2.7420



20.3440, -4.4450, -13.0610



18.0920, -3.2550, -1.5830



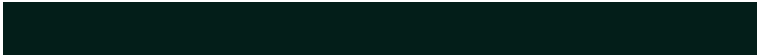
148.0000, -0.0000, 0.0000



20.0000, 0.0000, -0.0000

Same Dimension

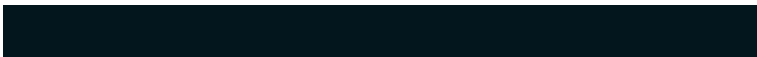
The Same Dimension uses a secret algorithm to generate beautiful new colors.



21.3570, -14.4870, -7.2790



25.8400, -20.4010, -10.2330



17.2310, -13.8920, -1.5400



14.7010, -0.5960, -0.2120



53.6690, -42.2690, -21.4130



140.6610, -110.8530, -56.0130

Inverse Universe

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



11.6430, 14.4870, 7.2790



12.1600, 20.4010, 10.2330



15.7690, 13.8920, 1.5400



14.2990, 0.5960, 0.2120



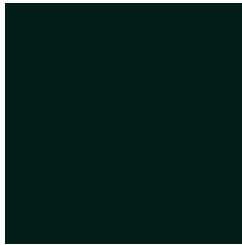
25.3310, 42.2690, 21.4130



66.2250, 111.1740, 55.7020

Previews

White Background



This preview shows how the YIQ color 21.3570, -14.4870, -7.2790 looks on a white background.

Color Contrast Check

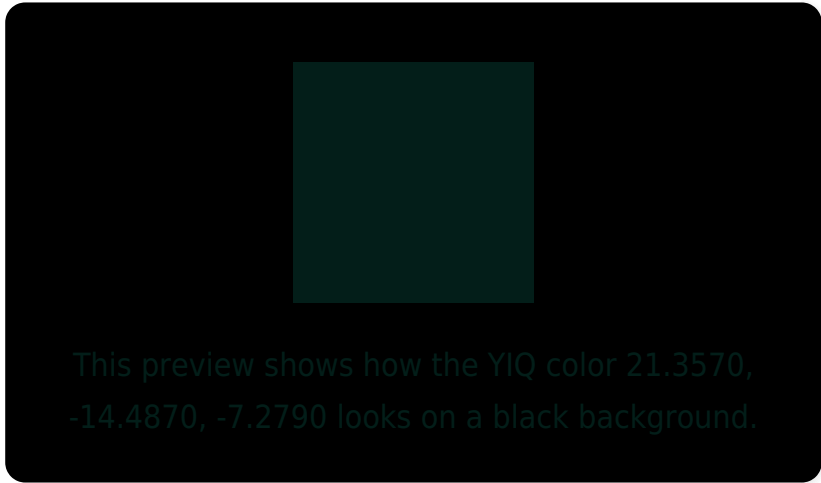
Large Text (above 18pt) WCAG AA ✓ Pass

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

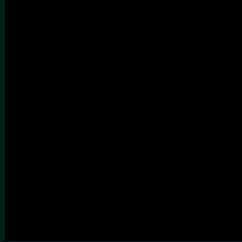
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 21.3570, -14.4870, -7.2790

Background



This preview shows how black text looks on a background with the YIQ color 21.3570, -14.4870, -7.2790.



This preview shows how white text looks on a background with the YIQ color 21.3570, -14.4870,

-7.2790.

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

21.3570, -14.4870, -7.2790

Protanopia

26.2560, 2.1550, -0.5090

Deuteranopia

26.8970, 1.7880, 0.6360



Tritanopia

23.2480, -12.5620, -3.6180

Trichromacy



Original Color

21.3570, -14.4870, -7.2790

Protanomaly

24.2660, -3.8050, -2.6290

Deuteranomaly

24.7930, -3.8510, -1.7950

Tritanomaly

22.4220, -13.1120, -4.6640

Monochromacy



Original Color

21.3570, -14.4870, -7.2790

Achromatopsia

21.0000, -0.0000, -0.0000

Achromatomaly

20.7820, -5.3180, -2.7420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 21.3570, -14.4870, -7.2790 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(3, 30, 25)` looks like.

```
.text, #text, p{  
    color:rgb(3, 30, 25)  
}
```

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(3, 30, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 30, 25) }
```

Border

The CSS property to change the border of an element to YIQ 21.3570, -14.4870, -7.2790 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(3, 30, 25) }
```


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

```
.border{ border-color:rgb(3, 30, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 30, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 30, 25); -webkit-box-shadow:4px  
4px 4px 4px rgb(3, 30, 25); box-shadow:4px  
4px 4px 4px rgb(3, 30, 25) }
```

Background

The CSS property to change the background color of an element to YIQ 21.3570, -14.4870, -7.2790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 30, 25) }
```

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

```
.background{ background-color: rgb(3, 30,  
25) }
```

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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