

Converting Colors

YIQ(14.8530, -4.0800, -3.1520)

Have a look what the booklet for
YIQ(14.8530, -4.0800, -3.1520)
contains.

YIQ(14.8530, -4.0800, -3.1520)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(14.8530, -4.0800,
-3.1520)**

Conversions

Conversions Part 1

Format	Color
Hex	09120E
RGB	9, 18, 14
RGB Percent	4%, 7%, 5%
CMY	0.9647, 0.9294, 0.9451
CMYK	0.50, 0.00, 0.22, 0.93
HSL	153°, 33%, 5%
HSV	153°, 50%, 7%
XYZ	0.4082, 0.5225, 0.4947
YIQ	14.8530, -4.0800, -3.1520

Conversions

Conversions Part 2

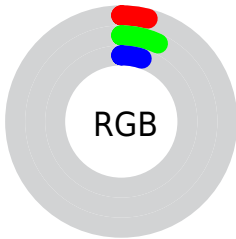
Format	Color
RYB	9, 15, 18
Decimal	594446
CIELab	4.72, -3.62, 1.06
CIELCh	5, 3.774, 163.665
Yxy	0.5225, 0.2864, 0.3666
Android (android.graphics.Color)	4278784526 (0xFF09120E)
YUV	14.8530, -0.4205, -5.1331
Hunter-Lab	7.2282, -2.5691, 1.0021

Details

The YIQ color **14.8530, -4.0800, -3.1520** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **12.1470, 4.0800, 3.1520**, and the grayscale version is **15.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **57.5650, -3.2090, -2.4170**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **14.1410, -4.9510, -3.8870**, and if you desaturate by 10%, it is **15.5650, -3.2090, -2.4170**.

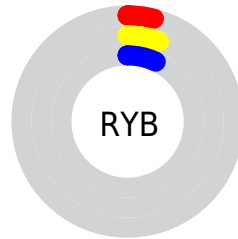
Distribution



Red (4%)

Green (7%)

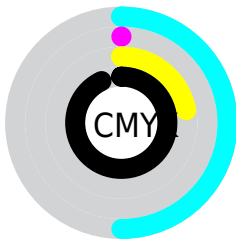
Blue (5%)



Red (4%)

Yellow (6%)

Blue (7%)

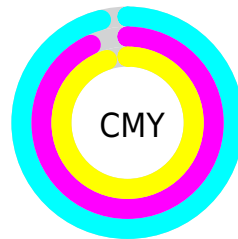


Cyan (50%)

Magenta (0%)

Yellow (22%)

Black (93%)



Cyan (96%)

Magenta (93%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 14.8530, -4.0800, -3.1520 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 14.8530, -4.0800, -3.1520 by changing the saturation by 10% instead.

■ 14.8530, -4.0800,
-3.1520

■ 14.8530, -4.0800,
-3.1520

■ 238.8530, -4.0800,
-3.1520

■ 0.0000, 0.0000,
0.0000

■ 57.5650, -3.2090,
-2.4170

■ 80.5650, -3.2090,
-2.4170

■ 105.1520, -3.4840,
-2.9400

■ 130.1520, -3.4840,
-2.9400

■ 156.1520, -3.4840,
-2.9400

■ 183.1520, -3.4840,

-2.9400

■ 210.7390, -3.7590,
-3.4630

■ 14.8530, -4.0800,
-3.1520

■ 14.8530, -4.0800,
-3.1520

■ 14.1410, -4.9510,
-3.8870

■ 15.5650, -3.2090,
-2.4170

■ 13.4290, -5.8220,
-4.6220

■ 16.2770, -2.3380,
-1.6820

■ 13.1300, -6.4180,
-4.8340

■ 16.5760, -1.7420,
-1.4700

■ 12.4180, -7.2890,
-5.5690

■ 17.2880, -0.8710,
-0.7350

■ 11.7060, -8.1600,
-6.3040

■ 18.0000, -0.0000,
0.0000

■ 18.7120, 0.8710,
0.7350

■ 19.4240, 1.7420,
1.4700

■ 19.7230, 2.3380,
1.6820

■ 20.4350, 3.2090,
2.4170

Harmonies

Analogous

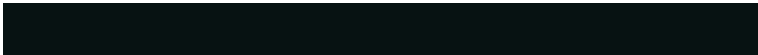
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



15.0060, -0.1370, -3.0250



14.8530, -4.0800, -3.1520



14.7110, -6.5560, -2.3320

Triad

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



14.8530, -4.0800, -3.1520



16.3850, -2.5220, 1.6540



16.0500, 5.7310, 0.7630

Complementary

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



14.8530, -4.0800, -3.1520



12.1470, 4.0800, 3.1520

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.



16.8050, 5.0430, 2.2190



14.8530, -4.0800, -3.1520



16.8800, 0.4580, 2.7140

Square

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



14.8530, -4.0800, -3.1520



15.4770, -5.7770, 0.0710



16.5490, 2.8880, 2.7280



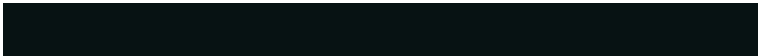
15.9960, 5.8230, -0.9050

Rectangle

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



14.8530, -4.0800, -3.1520



14.8250, -6.8770, -2.0210



16.5490, 2.8880, 2.7280



16.4630, 6.0060, 1.2860

Sweetspot

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



14.8530, -4.0800, -3.1520



21.8750, -1.1460, -1.2580



15.4790, -0.0910, -3.8590



11.9890, -1.4670, -0.9470



140.0000, 0.0000, 0.0000



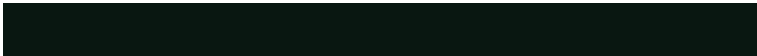
13.0000, -0.0000, -0.0000

Same Dimension

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



14.8530, -4.0800, -3.1520



18.1300, -6.4180, -4.8340



15.3090, -5.3640, -1.9080



9.7010, -0.5960, -0.2120



48.1120, -33.5110, -25.9510



130.7550, -91.2270, -70.2910

Inverse Universe

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



12.1470, 4.0800, 3.1520



13.8700, 6.4180, 4.8340



11.6910, 5.3640, 1.9080



9.4130, 0.2750, 0.5230



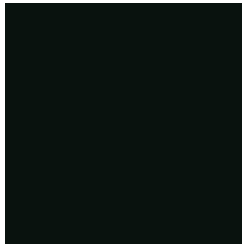
25.8880, 33.5110, 25.9510



70.3590, 90.9060, 70.6020

Previews

White Background



This preview shows how the YIQ color 14.8530, -4.0800, -3.1520 looks on a white background.

Color Contrast Check

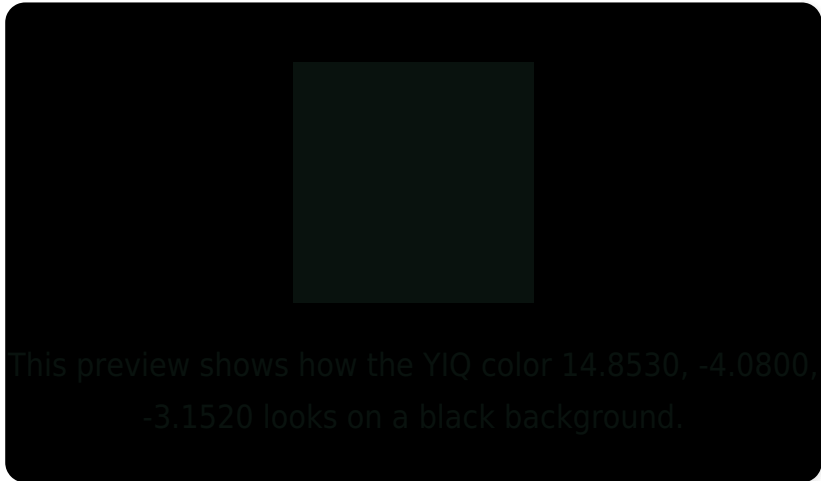
Large Text (above 18pt) WCAG AA ✓ Pass

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

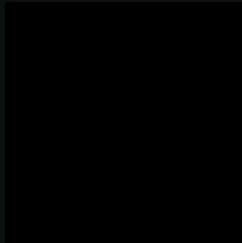
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 14.8530, -4.0800, -3.1520

Background



This preview shows how black text looks on a background with the YIQ color 14.8530, -4.0800, -3.1520.



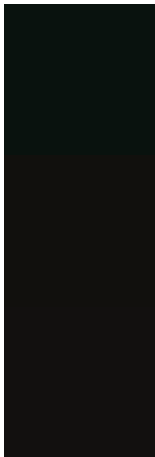
This preview shows how white text looks on a background with the YIQ color 14.8530, -4.0800, -3.1520.

-3.1520.

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

14.8530, -4.0800, -3.1520

Protanopia

15.9570, 1.5590, -0.7210

Deuteranopia

16.4840, 1.5130, 0.1130



Tritanopia

15.1350, -4.8140, -0.8620

Trichromacy



Original Color

14.8530, -4.0800, -3.1520

Protanomaly

15.6470, -0.5040, -1.8800

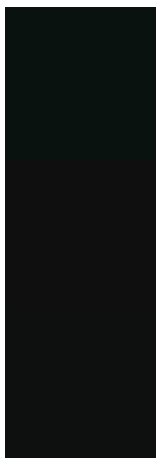
Deuteranomaly

16.1740, -0.5500, -1.0460

Tritanomaly

14.9070, -4.1720, -1.4840

Monochromacy



Original Color

14.8530, -4.0800, -3.1520

Achromatopsia

15.0000, -0.0000, -0.0000

Achromatomaly

14.9890, -1.4670, -0.9470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 14.8530, -4.0800, -3.1520 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(9, 18, 14)` looks like.

```
.text, #text, p{  
    color:rgb(9, 18, 14)  
}
```

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(9, 18, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 18, 14) }
```

Border

The CSS property to change the border of an element to YIQ 14.8530, -4.0800, -3.1520 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(9, 18, 14) }
```


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

```
.border{ border-color:rgb(9, 18, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 18, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 18, 14); -webkit-box-shadow:4px  
4px 4px 4px rgb(9, 18, 14); box-shadow:4px  
4px 4px 4px rgb(9, 18, 14) }
```

Background

The CSS property to change the background color of an element to YIQ 14.8530, -4.0800, -3.1520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 18, 14) }
```

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

```
.background{ background-color: rgb(9, 18,  
14) }
```

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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