

Converting Colors

YIQ(8.5910, -14.1250, 19.2110)

Have a look what the booklet for
YIQ(8.5910, -14.1250, 19.2110)
contains.

YIQ(8.5910, -14.1250, 19.2110)	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(8.5910, -14.1250,
19.2110)**

Conversions

Conversions Part 1

Format	Color
Hex	070039
RGB	7, 0, 57
RGB Percent	3%, 0%, 22%
CMY	0.9725, 1.0000, 0.7766
CMYK	0.88, 1.00, 0.00, 0.78
HSL	247°, 100%, 11%
HSV	247°, 100%, 22%
XYZ	0.8257, 0.3404, 3.8897
YIQ	8.5910, -14.1250, 19.2110

Conversions

Conversions Part 2

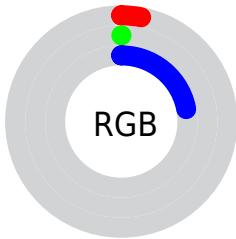
Format	Color
R_{YB}	7, 0, 57
Decimal	458809
CIE Lab	3.07, 20.57, -32.98
CIE LCh	3, 38.870, 301.950
Yxy	0.3404, 0.1633, 0.0673
Android (android.graphics.Color)	4278648889 (0xFF070039)
YUV	8.5910, 23.8656, -1.3953
Hunter-Lab	5.8345, 15.0503, -35.4436

Details

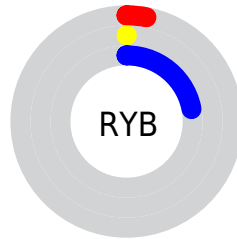
The YIQ color **8.5910, -14.1250, 19.2110** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **48.4090, 14.1250, -19.2110**, and the grayscale version is **8.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **55.7160, -12.9790, 20.4690**, and **1.0260, -2.8890, 2.7990** is the 20% darker color. If you saturate the color by 10%, you get **8.5910, -14.1250, 19.2110**, and if you desaturate by 10%, it is **13.6080, -12.7950, 17.1330**.

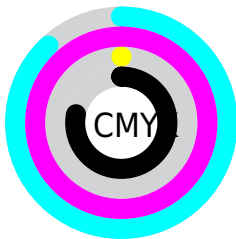
Distribution



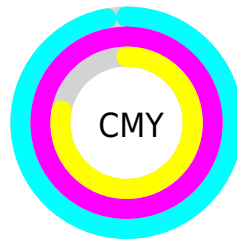
- Red (3%)
- Green (0%)
- Blue (22%)



- Red (3%)
- Yellow (0%)
- Blue (22%)



- Cyan (88%)
- Magenta (100%)
- Yellow (0%)
- Black (78%)



- Cyan (97%)
- Magenta (100%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 8.5910, -14.1250, 19.2110 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 8.5910, -14.1250, 19.2110 by changing the saturation by 10% instead.

■ 8.5910, -14.1250,
19.2110

■ 8.5910, -14.1250,
19.2110

■ 234.1010, 1.6940,
13.3580

■ 5.1640, -11.7850,
9.8390

■ 55.7160, -12.9790,
20.4690

■ 1.0260, -2.8890,
2.7990

■ 79.5420, -12.4290,
21.5150

■ 0.0000, 0.0000,
0.0000

■ 103.4820,
-12.2000, 22.8720

■ 129.1230,
-12.5670, 24.0170

■ 155.5360,
-12.2920, 24.5400

■ 182.4760,

-12.0630, 25.8970

■ 208.9940, -7.8900,
21.8540

■ 8.5910, -14.1250,
19.2110

■ 13.6080, -12.7950,
17.1330

■ 18.0380, -11.1900,
15.5780

■ 23.0550, -9.8600,
13.5000

■ 28.0720, -8.5300,
11.4220

■ 32.5020, -6.9250,
9.8670

■ 37.5190, -5.5950,
7.7890

■ 42.5360, -4.2650,
5.7110

■ 47.5530, -2.9350,
3.6330

■ 51.9830, -1.3300,
2.0780

Harmonies

Analogous

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



16.8020, -25.2650, 11.8470



8.5910, -14.1250, 19.2110



17.1890, 13.4300, 20.9340

Triad

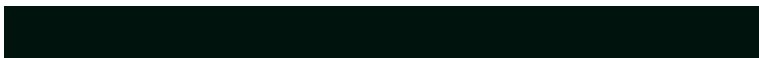
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



8.5910, -14.1250, 19.2110



11.3620, 22.6480, 8.0560



12.6350, -9.3980, -5.8940

Complementary

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



8.5910, -14.1250, 19.2110



48.4090, 14.1250, -19.2110

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.



11.1530, -5.2250, -9.9370



8.5910, -14.1250, 19.2110



11.2300, 5.0440, -3.3080

Square

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



8.5910, -14.1250, 19.2110



14.9500, 29.8000, 10.6000



11.1530, -5.2250, -9.9370



16.8870, -18.6150, 1.4570

Rectangle

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



8.5910, -14.1250, 19.2110



18.0560, 23.9300, 17.8660



11.1530, -5.2250, -9.9370

Sweetspot

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



8.5910, -14.1250, 19.2110



55.1060, -5.8700, 7.2660



35.8480, -32.0470, -8.4230



26.1940, -3.3020, 4.7780



166.0000, -0.0000, 0.0000



38.0000, -0.0000, -0.0000

Same Dimension

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



8.5910, -14.1250, 19.2110



11.1270, -18.3900, 24.9220



16.9630, 2.5630, 25.1470



25.6410, -0.3670, 1.1450



13.7770, -22.9760, 30.9440



33.0390, -54.2070, 73.8330

Inverse Universe

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



22.7430, 17.9220, 27.6340



29.5360, 23.2390, 35.9030



40.0370, -2.5630, -25.1470



26.2390, 0.8250, 1.5690



36.6280, 29.1520, 44.3840



87.3690, 68.8920, 106.1400

Previews

White Background



This preview shows how the YIQ color 8.5910, -14.1250, 19.2110 looks on a white background.

Color Contrast Check

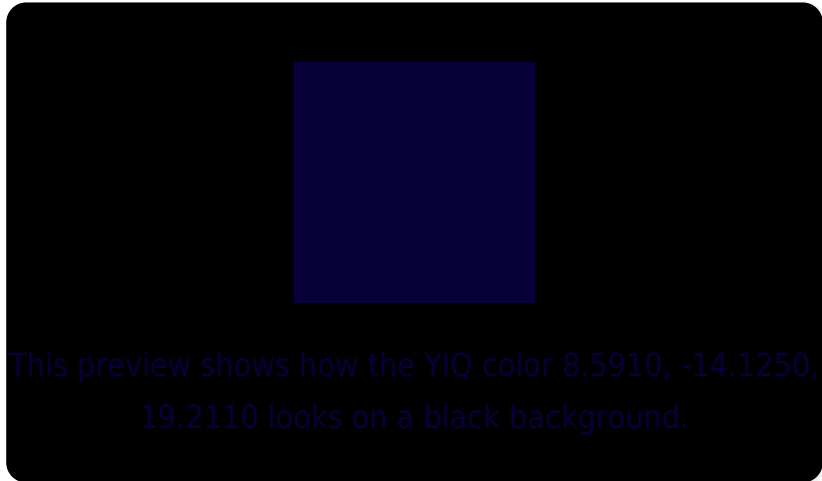
Large Text (above 18pt) WCAG AA ✓ Pass

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

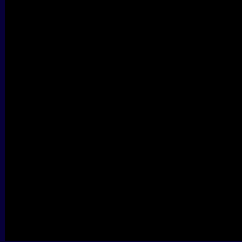
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 8.5910, -14.1250, 19.2110

Background



This preview shows how black text looks on a background with the YIQ color 8.5910, -14.1250, 19.2110.



This preview shows how white text looks on a background with the YIQ color 8.5910, -14.1250,

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

8.5910, -14.1250, 19.2110

Protanopia

13.9690, -15.9100, 1.9940

Deuteranopia

13.9860, -14.5800, -0.0840



Tritanopia

13.4330, -11.6450, -3.7170

Trichromacy



Original Color

8.5910, -14.1250, 19.2110

Protanomaly

12.2560, -15.0400, 8.2560

Deuteranomaly

11.9140, -14.0770, 7.3230

Tritanomaly

11.7030, -12.1050, 4.6230

Monochromacy



Original Color

8.5910, -14.1250, 19.2110

Achromatopsia

9.0000, -0.0000, 0.0000

Achromatomaly

8.8780, -5.2280, 6.6440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 8.5910, -14.1250, 19.2110 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(7, 0, 57)` looks like.

```
.text, #text, p{  
    color:rgb(7, 0, 57)  
}
```

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(7, 0, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 0, 57) }
```

Border

The CSS property to change the border of an element to YIQ 8.5910, -14.1250, 19.2110 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(7, 0, 57) }
```


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

```
.border{ border-color:rgb(7, 0, 57) }
```

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

Here you see how a box with a 4 pixel rgb(7, 0, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 0, 57); -webkit-box-shadow:4px  
4px 4px 4px rgb(7, 0, 57); box-shadow:4px  
4px 4px 4px rgb(7, 0, 57) }
```

Background

The CSS property to change the background color of an element to YIQ 8.5910, -14.1250, 19.2110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 0, 57) }
```

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

```
.background{ background-color: rgb(7, 0,  
57) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor