

Converting Colors

YIQ(14.8510, -0.5980, 10.8420)

Have a look what the booklet for
YIQ(14.8510, -0.5980, 10.8420)
contains.

YIQ(14.8510, -0.5980, 10.8420)	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(14.8510, -0.5980,
10.8420)**

Conversions

Conversions Part 1

Format	Color
Hex	150822
RGB	21, 8, 34
RGB Percent	8%, 3%, 13%
CMY	0.9176, 0.9686, 0.8667
CMYK	0.38, 0.76, 0.00, 0.87
HSL	270°, 62%, 8%
HSV	270°, 76%, 13%
XYZ	0.6849, 0.4486, 1.5634
YIQ	14.8510, -0.5980, 10.8420

Conversions

Conversions Part 2

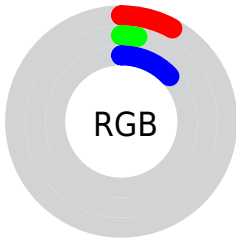
Format	Color
RYB	21, 8, 34
Decimal	1378338
CIELab	4.05, 10.59, -14.04
CIELCh	4, 17.587, 307.036
Yxy	0.4486, 0.2540, 0.1663
Android (android.graphics.Color)	4279568418 (0xFF150822)
YUV	14.8510, 9.4405, 5.3927
Hunter-Lab	6.6975, 6.5340, -9.1519

Details

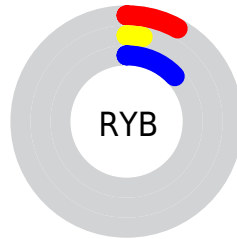
The YIQ color **14.8510, -0.5980, 10.8420** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **27.1490, 0.5980, -10.8420**, and the grayscale version is **15.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **58.8400, -2.0650, 9.8950**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **12.4920, -0.9650, 11.9870**, and if you desaturate by 10%, it is **17.2100, -0.2310, 9.6970**.

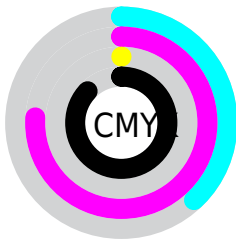
Distribution



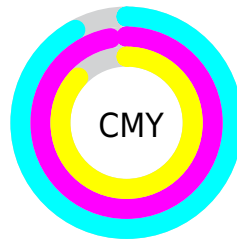
- Red (8%)
- Green (3%)
- Blue (13%)



- Red (8%)
- Yellow (3%)
- Blue (13%)



- Cyan (38%)
- Magenta (76%)
- Yellow (0%)
- Black (87%)



- Cyan (92%)
- Magenta (97%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 14.8510, -0.5980, 10.8420 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 14.8510, -0.5980, 10.8420 by changing the saturation by 10% instead.

■ 14.8510, -0.5980,
10.8420

■ 14.8510, -0.5980,
10.8420

■ 238.8080, 0.9610,
10.1210

■ 1.0260, -2.8890,
2.7990

■ 58.8400, -2.0650,
9.8950

■ 0.0000, 0.0000,
0.0000

■ 81.3670, -2.1110,
10.7290

■ 105.7800, -1.8360,
11.2520

■ 130.8940, -2.1570,
11.5630

■ 157.3070, -1.8820,
12.0860

■ 184.4210, -2.2030,

12.3970

■ 211.8340, -1.9280,
12.9200

■ 14.8510, -0.5980,
10.8420

■ 14.8510, -0.5980,
10.8420

■ 12.4920, -0.9650,
11.9870

■ 17.2100, -0.2310,
9.6970

■ 9.8450, -0.4610,
13.8670

■ 19.8570, -0.7350,
7.8170

■ 8.9590, -0.7820,
14.1780

■ 22.2160, -0.3680,
6.6720

■ 25.1620, -0.2760,
5.0040

■ 27.2220, -0.5050,
3.6470

■ 29.5810, -0.1380,
2.5020

■ 32.5270, -0.0460,
0.8340

■ 34.8860, 0.3210,
-0.3110

■ 37.5330, -0.1830,
-2.1910

Harmonies

Analogous

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



12.5500, -16.0480, 4.4960



14.8510, -0.5980, 10.8420



14.4780, 10.8180, 13.2020

Triad

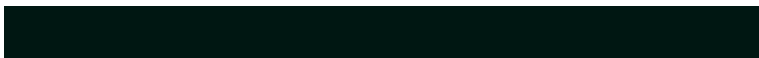
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



14.8510, -0.5980, 10.8420



13.9540, 14.8090, 1.4410



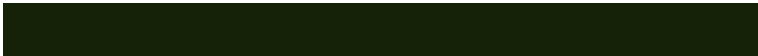
15.5530, -12.1030, -6.4310

Complementary

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



14.8510, -0.5980, 10.8420



27.1490, 0.5980, -10.8420

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.



12.9140, -6.0500, -11.5060



14.8510, -0.5980, 10.8420



13.5890, 5.4110, -4.4530

Square

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



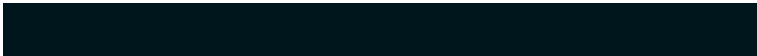
14.8510, -0.5980, 10.8420



12.5250, 20.6310, 6.0630



11.7400, -5.5000, -10.4600



16.2200, -15.3590, -2.4870

Rectangle

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



14.8510, -0.5980, 10.8420



13.2890, 15.7240, 12.3960



11.7400, -5.5000, -10.4600



14.8690, -10.1770, -8.2970

Sweetspot

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



14.8510, -0.5980, 10.8420



35.6350, -0.2300, 4.1700



18.5950, -11.9210, 1.2870



18.5810, -0.1380, 2.5020



150.0000, -0.0000, -0.0000



23.0000, 0.0000, -0.0000

Same Dimension

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



14.8510, -0.5980, 10.8420



13.5400, -0.9200, 16.6800



18.7380, 7.1500, 13.5980



16.5270, -0.0460, 0.8340



21.6070, -1.8860, 34.1940



55.2210, -4.5090, 87.2590

Inverse Universe

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



17.2560, 11.3230, 9.5550



17.2400, 17.4200, 14.7000



23.2620, -7.1500, -13.5980



16.7120, 0.8710, 0.7350



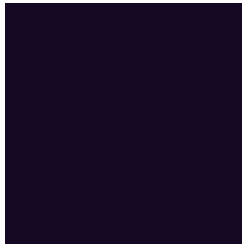
29.1920, 35.7110, 30.1350



74.3470, 91.1800, 76.6520

Previews

White Background



This preview shows how the YIQ color 14.8510, -0.5980, 10.8420 looks on a white background.

Color Contrast Check

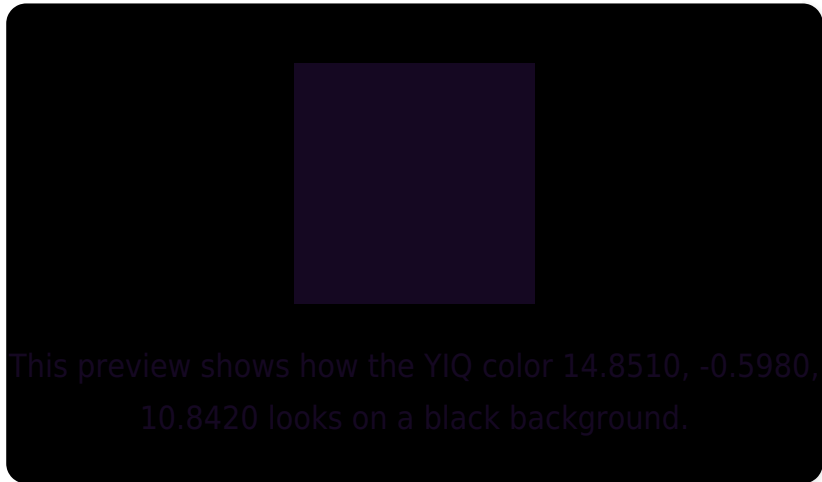
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.8510, -0.5980, 10.8420

Background



This preview shows how black text looks on a background with the YIQ color 14.8510, -0.5980, 10.8420.



This preview shows how white text looks on a background with the YIQ color 14.8510, -0.5980,

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

14.8510, -0.5980, 10.8420

Protanopia

12.4530, -14.3970, 2.1070

Deuteranopia

12.4700, -13.0670, 0.0290



Tritanopia

15.7120, 0.8710, 0.7350

Trichromacy



Original Color

14.8510, -0.5980, 10.8420

Protanomaly

13.1980, -9.1250, 5.6830

Deuteranomaly

13.4430, -8.4370, 4.2270

Tritanomaly

15.0480, 0.0450, 4.6930

Monochromacy



Original Color

14.8510, -0.5980, 10.8420

Achromatopsia

15.0000, -0.0000, -0.0000

Achromatomaly

14.6350, -0.2300, 4.1700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 14.8510, -0.5980, 10.8420 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(21, 8, 34)` looks like.

```
.text, #text, p{  
    color:rgb(21, 8, 34)  
}
```

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(21, 8, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 8, 34) }
```

Border

The CSS property to change the border of an element to YIQ 14.8510, -0.5980, 10.8420 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(21, 8, 34) }
```


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

```
.border{ border-color:rgb(21, 8, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 8, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 8, 34); -webkit-box-shadow:4px  
4px 4px 4px rgb(21, 8, 34); box-shadow:4px  
4px 4px 4px rgb(21, 8, 34) }
```

Background

The CSS property to change the background color of an element to YIQ 14.8510, -0.5980, 10.8420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 8, 34) }
```

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

```
.background{ background-color: rgb(21, 8,  
34) }
```

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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