

Converting Colors

YIQ(18.5810, 35.3930, 13.8650)

Have a look what the booklet for
YIQ(18.5810, 35.3930, 13.8650)
contains.

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Color

**YIQ(18.5810, 35.3930,
13.8650)**

Conversions

Conversions Part 1

Format	Color
Hex	3D0003
RGB	61, 0, 3
RGB Percent	24%, 0%, 1%
CMY	0.7606, 1.0000, 0.9881
CMYK	0.00, 1.00, 0.95, 0.76
HSL	357°, 100%, 12%
HSV	357°, 100%, 24%
XYZ	1.9434, 0.9999, 0.1777
YIQ	18.5810, 35.3930, 13.8650

Conversions

Conversions Part 2

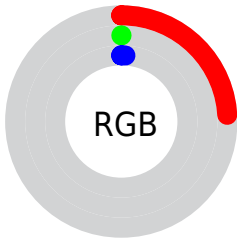
Format	Color
RYB	61, 0, 3
Decimal	3997699
CIELab	8.99, 29.00, 12.96
CIElCh	9, 31.768, 24.075
Yxy	0.9999, 0.6227, 0.3204
Android (android.graphics.Color)	4282187779 (0xFF3D0003)
YUV	18.5810, -7.6814, 37.2015
Hunter-Lab	9.9997, 17.1913, 5.9460

Details

The YIQ color **18.5810, 35.3930, 13.8650** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **42.4190, -35.3930, -13.8650**, and the grayscale version is **19.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **67.6630, 38.0980, 14.4020**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **18.5810, 35.3930, 13.8650**, and if you desaturate by 10%, it is **22.7870, 31.8170, 12.5930**.

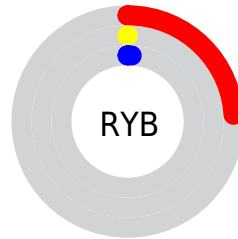
Distribution



Red (24%)

Green (0%)

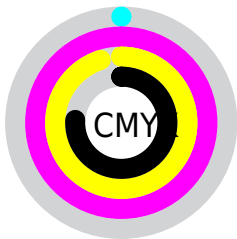
Blue (1%)



Red (24%)

Yellow (0%)

Blue (1%)

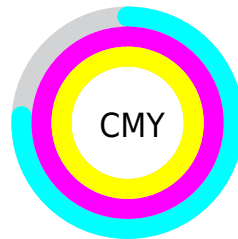


Cyan (0%)

Magenta (100%)

Yellow (95%)

Black (76%)



Cyan (76%)

Magenta (100%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 18.5810, 35.3930, 13.8650 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 18.5810, 35.3930, 13.8650 by changing the saturation by 10% instead.

■ 18.5810, 35.3930,
13.8650

■ 18.5810, 35.3930,
13.8650

■ 237.8340, 15.2670,
4.1550

■ 11.4760, 22.3270,
8.3670

■ 67.6630, 38.0980,
14.4020

■ 0.0000, 0.0000,
0.0000

■ 92.3320, 40.5280,
14.4160


■ 117.5280, 42.9120,
15.2640


■ 144.0120, 44.4250,
15.3770


■ 170.7950, 46.5340,
15.7020


■ 198.6920, 48.3220,


16.3380


 218.2060, 31.9550,
10.0910


 18.5810, 35.3930,
13.8650

 22.7870, 31.8170,
12.5930

 26.9930, 28.2410,
11.3210

 31.0850, 24.9860,
9.7380

 35.2910, 21.4100,
8.4660

 40.0840, 17.5590,
6.6710

■ 44.2900, 13.9830,
5.3990

■ 48.4960, 10.4070,
4.1270

■ 52.5880, 7.1520,
2.5440

■ 56.7940, 3.5760,
1.2720

Harmonies

Analogous

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



21.4740, 25.8090, 22.3610



18.5810, 35.3930, 13.8650



23.1790, 27.4170, 4.2250

Triad

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



18.5810, 35.3930, 13.8650



19.9580, -9.3500, -17.7820



25.3620, -30.0780, 5.4580

Complementary

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



18.5810, 35.3930, 13.8650



42.4190, -35.3930, -13.8650

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.



26.7980, -28.6100, 0.8780



18.5810, 35.3930, 13.8650



23.4120, -16.3200, -12.6080

Square

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



18.5810, 35.3930, 13.8650



22.3940, 1.2860, -12.2980



25.9200, -23.3820, -5.7660



22.7160, -22.1470, 10.4050

Rectangle

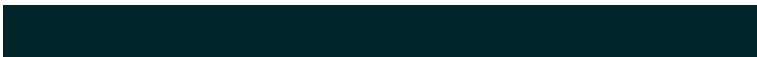
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



18.5810, 35.3930, 13.8650



24.2980, 19.5320, -1.5560



25.9200, -23.3820, -5.7660



25.8350, -30.0320, 4.6240

Sweetspot

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



18.5810, 35.3930, 13.8650



62.4040, 13.6620, 5.7100



24.2960, 14.9870, 31.2670



30.5990, 8.6190, 3.4910



168.0000, -0.0000, -0.0000



41.0000, 0.0000, -0.0000

Same Dimension

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



18.5810, 35.3930, 13.8650



24.0770, 45.8000, 17.9920



34.0880, 28.9310, -1.1890



28.8970, 1.7880, 0.6360



28.6760, 54.4190, 21.4830



67.6320, 128.7810, 50.4850

Inverse Universe

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



18.5810, 35.3930, 13.8650



24.0770, 45.8000, 17.9920



26.9120, -28.9310, 1.1890



28.8970, 1.7880, 0.6360



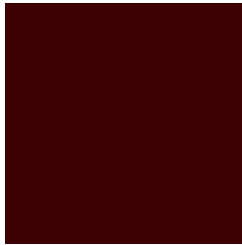
28.6760, 54.4190, 21.4830



67.6320, 128.7810, 50.4850

Previews

White Background



This preview shows how the YIQ color 18.5810, 35.3930, 13.8650 looks on a white background.

Color Contrast Check

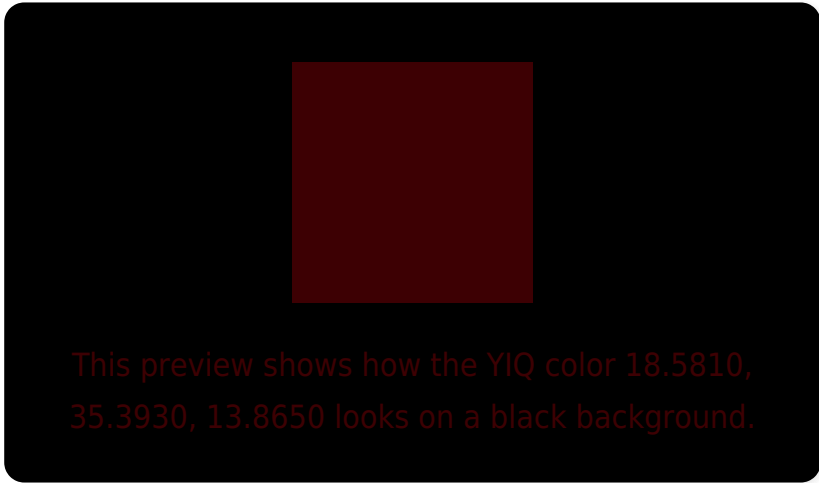
Large Text (above 18pt) WCAG AA ✓ Pass

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

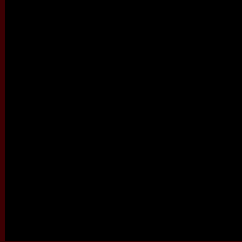
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 18.5810, 35.3930, 13.8650

Background



This preview shows how black text looks on a background with the YIQ color 18.5810, 35.3930, 13.8650.

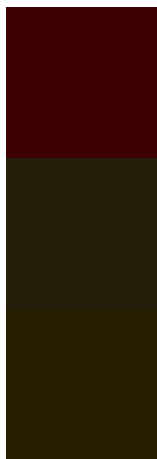


This preview shows how white text looks on a background with the YIQ color 18.5810, 35.3930,

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

18.5810, 35.3930, 13.8650

Protanopia

29.6880, 9.4460, -5.9940

Deuteranopia

28.6840, 15.2690, -6.8990



Tritanopia

21.7610, 34.7060, 9.7940

Trichromacy



Original Color

18.5810, 35.3930, 13.8650

Protanomaly

25.6940, 18.4770, 1.0450

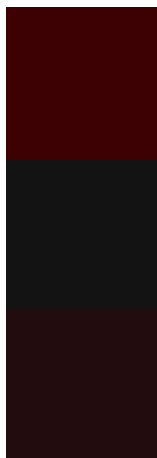
Deuteranomaly

24.7330, 22.7410, 0.8610

Tritanomaly

20.7010, 34.9350, 11.1510

Monochromacy



Original Color

18.5810, 35.3930, 13.8650

Achromatopsia

19.0000, -0.0000, -0.0000

Achromatomaly

18.6920, 12.7910, 4.9750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 18.5810, 35.3930, 13.8650 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(61, 0, 3)` looks like.

```
.text, #text, p{  
    color:rgb(61, 0, 3)  
}
```

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(61, 0, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 0, 3) }
```

Border

The CSS property to change the border of an element to YIQ 18.5810, 35.3930, 13.8650 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(61, 0, 3) }
```


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

```
.border{ border-color:rgb(61, 0, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 0, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 0, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(61, 0, 3); box-shadow:4px  
4px 4px 4px rgb(61, 0, 3) }
```

Background

The CSS property to change the background color of an element to YIQ 18.5810, 35.3930, 13.8650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 0, 3) }
```

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

```
.background{ background-color: rgb(61, 0,  
3) }
```

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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