

Converting Colors

YIQ(18.5680, 1.8770, 15.5490)

Have a look what the booklet for
YIQ(18.5680, 1.8770, 15.5490)
contains.

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Color

**YIQ(18.5680, 1.8770,
15.5490)**

Conversions

Conversions Part 1

Format	Color
Hex	1E082B
RGB	30, 8, 43
RGB Percent	12%, 3%, 17%
CMY	0.8823, 0.9687, 0.8314
CMYK	0.30, 0.81, 0.00, 0.83
HSL	278°, 69%, 10%
HSV	278°, 81%, 17%
XYZ	1.0587, 0.6242, 2.3497
YIQ	18.5680, 1.8770, 15.5490

Conversions

Conversions Part 2

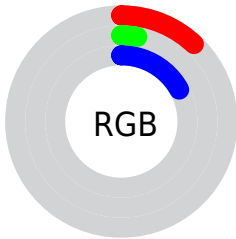
Format	Color
R_{YB}	30, 8, 43
Decimal	1968171
CIE Lab	5.64, 18.40, -18.38
CIE LCh	6, 26.001, 315.033
Yxy	0.6242, 0.2625, 0.1548
Android (android.graphics.Color)	4280158251 (0xFF1E082B)
YUV	18.5680, 12.0450, 10.0259
Hunter-Lab	7.9003, 10.0938, -12.1036

Details

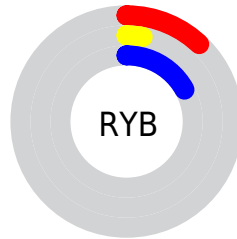
The YIQ color **18.5680, 1.8770, 15.5490** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **32.4320, -1.8770, -15.5490**, and the grayscale version is **18.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **63.0950, 1.8310, 16.3830**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **15.6220, 1.7850, 17.2170**, and if you desaturate by 10%, it is **21.5140, 1.9690, 13.8810**.

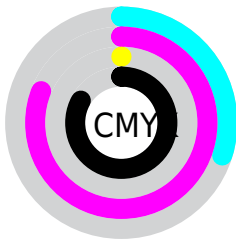
Distribution



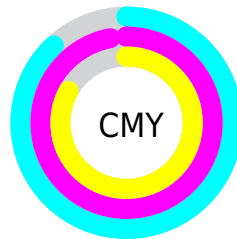
- Red (12%)
- Green (3%)
- Blue (17%)



- Red (12%)
- Yellow (3%)
- Blue (17%)



- Cyan (30%)
- Magenta (81%)
- Yellow (0%)
- Black (83%)



- Cyan (88%)
- Magenta (97%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 18.5680, 1.8770, 15.5490 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 18.5680, 1.8770, 15.5490 by changing the saturation by 10% instead.

■ 18.5680, 1.8770,
15.5490

■ 18.5680, 1.8770,
15.5490

■ 241.4990, 6.3250,
12.0290

■ 3.0950, -7.3370,
6.3190

■ 63.0950, 1.8310,
16.3830

■ 0.0000, 0.0000,
0.0000

■ 85.9210, 2.3810,
17.4290

■ 111.0350, 2.0600,
17.7400

■ 136.4480, 2.3350,
18.2630

■ 162.2740, 2.8850,
19.3090

■ 189.6870, 3.1600,

19.8320

■ 217.8010, 2.8390,
20.1430

■ 18.5680, 1.8770,
15.5490

■ 18.5680, 1.8770,
15.5490

■ 15.6220, 1.7850,
17.2170

■ 21.5140, 1.9690,
13.8810

■ 12.9750, 2.2890,
19.0970

■ 24.7480, 1.1900,
11.4780

■ 27.6940, 1.2820,
9.8100

■ 30.3410, 0.7780,
7.9300

■ 33.2870, 0.8700,
6.2620

■ 36.8200, 0.6870,
4.0710

■ 39.4670, 0.1830,
2.1910

■ 42.4130, 0.2750,
0.5230

■ 45.6470, -0.5040,
-1.8800

Harmonies

Analogous

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



15.9070, -21.3670, 7.2810



18.5680, 1.8770, 15.5490



16.3480, 17.2360, 18.0360

Triad

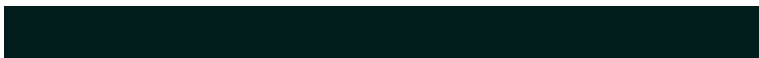
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



18.5680, 1.8770, 15.5490



18.0850, 15.8180, -0.3260



20.1010, -16.6420, -6.7700

Complementary

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



18.5680, 1.8770, 15.5490



32.4320, -1.8770, -15.5490

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.



16.7780, -8.6630, -13.7110



18.5680, 1.8770, 15.5490



16.5130, 2.5690, -8.0150

Square

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



18.5680, 1.8770, 15.5490



16.0910, 24.8490, 6.7130



15.2620, -7.1500, -13.5980



20.7510, -21.2280, -0.7480

Rectangle

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



18.5680, 1.8770, 15.5490



16.0620, 23.7930, 14.8410



15.2620, -7.1500, -13.5980



19.4170, -14.7160, -8.6360

Sweetspot

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



18.5680, 1.8770, 15.5490



46.8740, 0.5950, 5.7390



19.6210, -14.8100, 4.0860



22.4070, 0.4120, 3.5480



156.0000, -0.0000, -0.0000



28.0000, -0.0000, 0.0000

Same Dimension

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



18.5680, 1.8770, 15.5490



17.7350, 3.2050, 24.5250



21.9990, 10.9090, 17.0610



18.8260, 0.5500, 1.0460



25.4230, 4.6240, 37.3600



63.9350, 11.2160, 94.1280

Inverse Universe

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



19.9470, 16.6870, 11.4630



19.8390, 26.0390, 18.1910



29.0010, -10.9090, -17.0610



18.7120, 0.8710, 0.7350



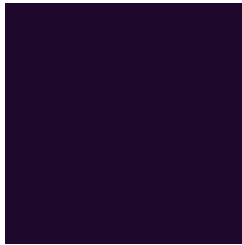
28.6500, 40.1130, 27.4490



72.2800, 101.3140, 69.2020

Previews

White Background



This preview shows how the YIQ color 18.5680, 1.8770, 15.5490 looks on a white background.

Color Contrast Check

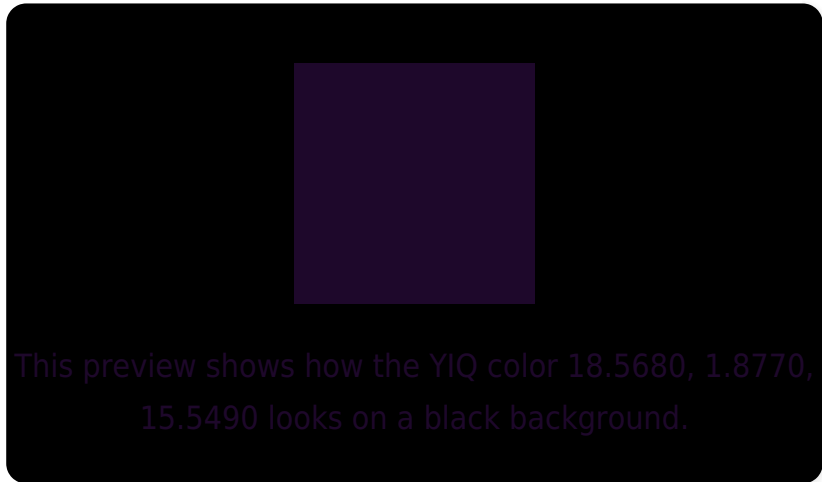
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.5680, 1.8770, 15.5490

Background



This preview shows how black text looks on a background with the YIQ color 18.5680, 1.8770, 15.5490.



This preview shows how white text looks on a background with the YIQ color 18.5680, 1.8770,

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

18.5680, 1.8770, 15.5490

Protanopia

16.4140, -18.6610, 2.2910

Deuteranopia

16.4310, -17.3310, 0.2130



Tritanopia

20.5060, 4.4470, 2.0070

Trichromacy



Original Color

18.5680, 1.8770, 15.5490

Protanomaly

17.4690, -11.3260, 7.0260

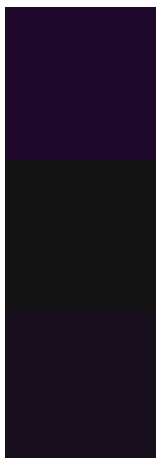
Deuteranomaly

17.1270, -10.3630, 6.0930

Tritanomaly

19.4830, 3.2540, 7.1100

Monochromacy



Original Color

18.5680, 1.8770, 15.5490

Achromatopsia

19.0000, -0.0000, -0.0000

Achromatomaly

18.8740, 0.5950, 5.7390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 18.5680, 1.8770, 15.5490 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(30, 8, 43)` looks like.

```
.text, #text, p{  
    color:rgb(30, 8, 43)  
}
```

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(30, 8, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 8, 43) }
```

Border

The CSS property to change the border of an element to YIQ 18.5680, 1.8770, 15.5490 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(30, 8, 43) }
```


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

```
.border{ border-color:rgb(30, 8, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 8, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 8, 43); -webkit-box-shadow:4px  
4px 4px 4px rgb(30, 8, 43); box-shadow:4px  
4px 4px 4px rgb(30, 8, 43) }
```

Background

The CSS property to change the background color of an element to YIQ 18.5680, 1.8770, 15.5490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 8, 43) }
```

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

```
.background{ background-color: rgb(30, 8,  
43) }
```

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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