

Converting Colors

YIQ(13.0680, 14.4880, 1.7520)

Have a look what the booklet for
YIQ(13.0680, 14.4880, 1.7520)
contains.

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Color

**YIQ(13.0680, 14.4880,
1.7520)**

Conversions

Conversions Part 1

Format	Color
Hex	1C0800
RGB	28, 8, 0
RGB Percent	11%, 3%, 0%
CMY	0.8902, 0.9687, 0.9999
CMYK	0.00, 0.71, 1.00, 0.89
HSL	17°, 100%, 5%
HSV	17°, 100%, 11%
XYZ	0.5660, 0.4205, 0.0518
YIQ	13.0680, 14.4880, 1.7520

Conversions

Conversions Part 2

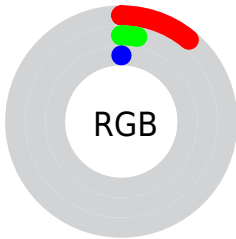
Format	Color
R_{YB}	28, 11, 0
Decimal	1837056
CIE Lab	3.80, 6.81, 5.81
CIE LCh	4, 8.952, 40.453
Yxy	0.4205, 0.5451, 0.4050
Android (android.graphics.Color)	4280027136 (0xFF1C0800)
YUV	13.0680, -6.4425, 13.0954
Hunter-Lab	6.4850, 4.2310, 4.0658

Details

The YIQ color **13.0680, 14.4880, 1.7520** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **14.9320, -14.4880, -1.7520**, and the grayscale version is **13.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **57.5130, 11.7370, 2.0490**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **13.0680, 14.4880, 1.7520**, and if you desaturate by 10%, it is **14.5840, 12.9750, 1.6390**.

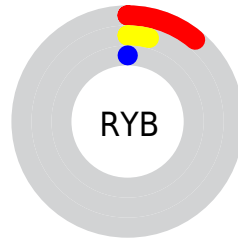
Distribution



Red (11%)

Green (3%)

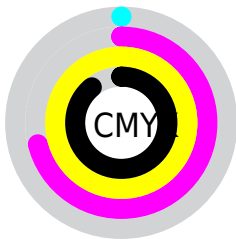
Blue (0%)



Red (11%)

Yellow (4%)

Blue (0%)

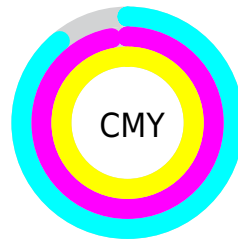


Cyan (0%)

Magenta (71%)

Yellow (100%)

Black (89%)



Cyan (89%)

Magenta (97%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 13.0680, 14.4880, 1.7520 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 13.0680, 14.4880, 1.7520 by changing the saturation by 10% instead.

■ 13.0680, 14.4880,
1.7520

■ 13.0680, 14.4880,
1.7520

■ 238.1930, 15.6340,
3.0100

■ 0.0000, 0.0000,
0.0000

■ 57.5130, 11.7370,
2.0490

■ 80.2250, 12.6080,
2.7840

■ 104.4100, 13.5250,
2.6850

■ 129.4100, 13.5250,
2.6850

■ 155.7090, 14.1210,
2.8970

■ 182.8940, 15.0380,

2.7980

■ 210.1930, 15.6340,
3.0100

■ 13.0680, 14.4880,
1.7520

■ 14.5840, 12.9750,
1.6390

■ 16.1000, 11.4620,
1.5260

■ 17.5020, 10.2700,
1.1020

■ 19.0180, 8.7570,
0.9890

■ 20.5340, 7.2440,
0.8760

■ 22.0500, 5.7310,
0.7630

■ 23.5660, 4.2180,
0.6500

■ 24.9680, 3.0260,
0.2260

■ 26.4840, 1.5130,
0.1130

Harmonies

Analogous

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



13.6210, 11.5530, 5.3850



13.0680, 14.4880, 1.7520



13.6330, 11.2790, -0.6650

Triad

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



13.0680, 14.4880, 1.7520



11.2500, -6.8760, -7.5480



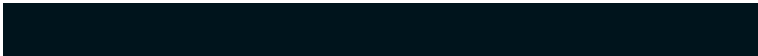
13.1010, -7.4740, 3.2940

Complementary

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



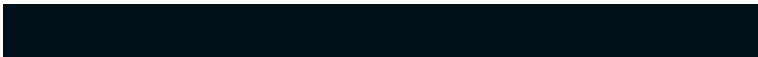
13.0680, 14.4880, 1.7520



14.9320, -14.4880, -1.7520

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.



12.3560, -12.7460, -0.2820



13.0680, 14.4880, 1.7520



12.9770, -10.3610, -4.9610

Square

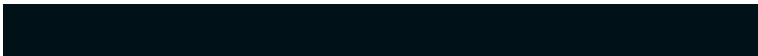
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



13.0680, 14.4880, 1.7520



11.1860, -0.8240, -7.0960



13.1880, -12.3330, -2.2610



14.2870, 0.8700, 6.2620

Rectangle

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



13.0680, 14.4880, 1.7520



13.3120, 7.7490, -2.7710



13.1880, -12.3330, -2.2610



12.4920, -10.1330, 1.9230

Sweetspot

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



13.0680, 14.4880, 1.7520



30.0500, 5.7310, 0.7630



10.6520, 10.2680, 12.1560



14.2670, 3.6220, 0.4380



145.0000, 0.0000, -0.0000



18.0000, -0.0000, 0.0000

Same Dimension

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



13.0680, 14.4880, 1.7520



16.6340, 18.7060, 2.4020



21.2860, 10.6380, -5.5700



12.1850, 0.9170, -0.0990



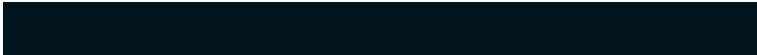
35.9370, 39.8420, 4.8180



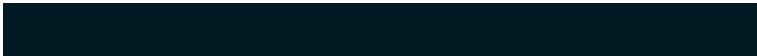
95.0420, 105.6340, 12.9140

Inverse Universe

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



14.9320, -14.4880, -1.7520



19.3660, -18.7060, -2.4020



6.7140, -10.6380, 5.5700



11.8150, -0.9170, 0.0990



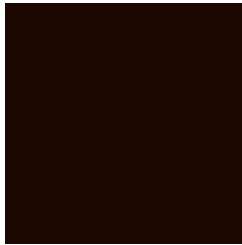
41.0630, -39.8420, -4.8180



108.9580, -105.6340, -12.9140

Previews

White Background



This preview shows how the YIQ color 13.0680, 14.4880, 1.7520 looks on a white background.

Color Contrast Check

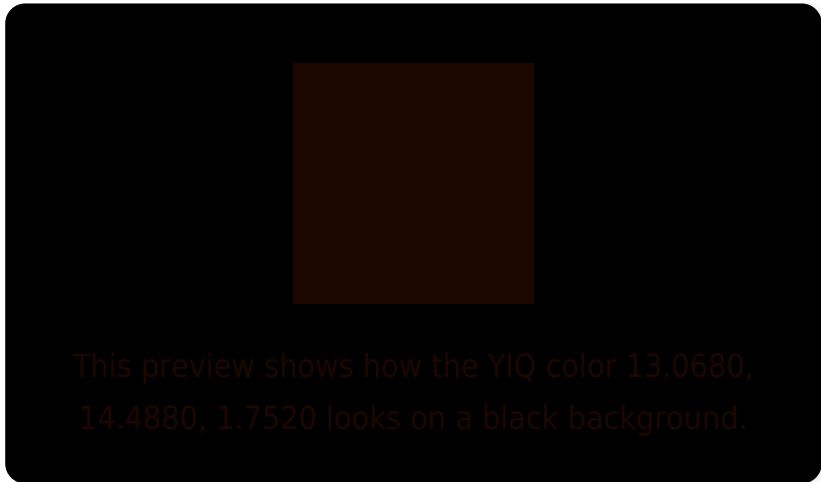
Large Text (above 18pt) WCAG AA ✓ Pass

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

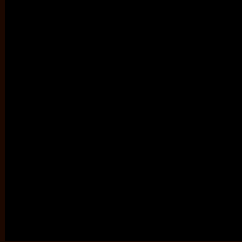
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 13.0680, 14.4880, 1.7520

Background



This preview shows how black text looks on a background with the YIQ color 13.0680, 14.4880, 1.7520.



This preview shows how white text looks on a background with the YIQ color 13.0680, 14.4880,

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

13.0680, 14.4880, 1.7520

Protanopia

14.2300, 5.0440, -3.3080

Deuteranopia

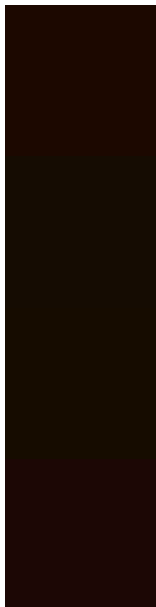
14.4860, 7.1990, -3.8170



Tritanopia

13.3930, 12.1950, 4.7630

Trichromacy



Original Color

13.0680, 14.4880, 1.7520

Protanomaly

13.5510, 8.5740, -1.2020

Deuteranomaly

13.6220, 9.8120, -1.6120

Tritanomaly

13.0510, 13.1580, 3.8300

Monochromacy



Original Color

13.0680, 14.4880, 1.7520

Achromatopsia

13.0000, -0.0000, -0.0000

Achromatomaly

12.7510, 5.1350, 0.5510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 13.0680, 14.4880, 1.7520 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(28, 8, 0)` looks like.

```
.text, #text, p{  
    color:rgb(28, 8, 0)  
}
```

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(28, 8, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 8, 0) }
```

Border

The CSS property to change the border of an element to YIQ 13.0680, 14.4880, 1.7520 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(28, 8, 0) }
```


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

```
.border{ border-color:rgb(28, 8, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 8, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 8, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(28, 8, 0); box-shadow:4px  
4px 4px 4px rgb(28, 8, 0) }
```

Background

The CSS property to change the background color of an element to YIQ 13.0680, 14.4880, 1.7520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 8, 0) }
```

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

```
.background{ background-color: rgb(28, 8,  
0) }
```

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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