

Converting Colors

YIQ(42.4680, -10.7260,
-14.8700)

Have a look what the booklet for
YIQ(42.4680, -10.7260, -14.8700)
contains.

YIQ(42.4680, -10.7260, -14.8700)	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(42.4680, -10.7260,
-14.8700)**

Conversions

Conversions Part 1

Format	Color
Hex	17371D
RGB	23, 55, 29
RGB Percent	9%, 22%, 11%
CMY	0.9099, 0.7843, 0.8863
CMYK	0.58, 0.00, 0.47, 0.78
HSL	131°, 41%, 15%
HSV	131°, 58%, 22%
XYZ	1.9413, 3.0042, 1.6396
YIQ	42.4680, -10.7260, -14.8700

Conversions

Conversions Part 2

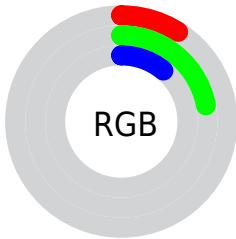
Format	Color
RYB	23, 50, 55
Decimal	1521437
CIELab	20.06, -18.76, 12.79
CIELCh	20, 22.702, 145.722
Yxy	3.0042, 0.2948, 0.4562
Android (android.graphics.Color)	4279711517 (0xFF17371D)
YUV	42.4680, -6.6397, -17.0734
Hunter-Lab	17.3327, -10.3393, 6.5243

Details

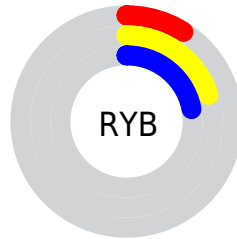
The YIQ color **42.4680, -10.7260, -14.8700** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **35.5320, 10.7260, 14.8700**, and the grayscale version is **43.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **88.8270, -10.3590, -16.0150**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **40.2180, -13.0180, -17.3860**, and if you desaturate by 10%, it is **44.4190, -9.0300, -12.5660**.

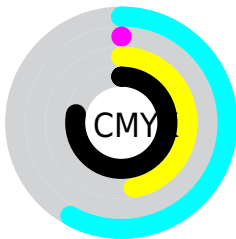
Distribution



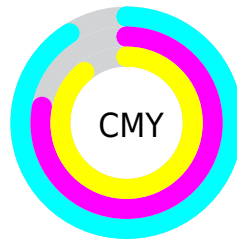
- Red (9%)
- Green (22%)
- Blue (11%)



- Red (9%)
- Yellow (20%)
- Blue (22%)



- Cyan (58%)
- Magenta (0%)
- Yellow (47%)
- Black (78%)



- Cyan (91%)
- Magenta (78%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 42.4680, -10.7260, -14.8700 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 42.4680, -10.7260, -14.8700 by changing the saturation by 10% instead.

■ 42.4680, -10.7260,
-14.8700

■ 42.4680, -10.7260,
-14.8700

■ 255.0000, -0.0000,
-0.0000

■ 20.2400, -10.0840,
-15.4920

■ 88.8270, -10.3590,
-16.0150

■ 0.0000, 0.0000,
0.0000

■ 113.4140,
-10.6340, -16.5380

■ 139.0010,
-10.9090, -17.0610

■ 165.4740,
-10.8630, -17.8950

■ 193.0610,
-11.1380, -18.4180

■ 220.7620,

-11.7340, -18.6300

■ 243.7780, -8.6630,
-13.7110

■ 42.4680, -10.7260,
-14.8700

■ 42.4680, -10.7260,
-14.8700

■ 40.2180, -13.0180,
-17.3860

■ 44.4190, -9.0300,
-12.5660

■ 38.1530, -14.3930,
-20.0010

■ 46.7830, -7.0590,
-9.7390

■ 35.9030, -16.6850,
-22.5170

■ 48.7340, -5.3630,
-7.4350

■ 33.8380, -18.0600,
-25.1320

■ 51.0980, -3.3920,
-4.6080

■ 33.4250, -18.3350,
-25.6550

■ 53.0490, -1.6960,
-2.3040

■ 55.4130, 0.2750,
0.5230

■ 57.3640, 1.9710,
2.8270

■ 59.7280, 3.9420,
5.6540

■ 61.6790, 5.6380,
7.9580

Harmonies

Analogous

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



45.6180, 6.4670, -12.5810



42.4680, -10.7260, -14.8700



38.5890, -30.1200, -15.8160

Triad

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



42.4680, -10.7260, -14.8700



40.9650, -36.4500, -0.2100



48.1560, 26.2240, 9.3280

Complementary

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



42.4680, -10.7260, -14.8700



35.5320, 10.7260, 14.8700

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.



49.2080, 20.4460, 14.9260



42.4680, -10.7260, -14.8700



49.0610, -9.9970, 10.4750

Square

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



42.4680, -10.7260, -14.8700



40.9490, -39.5210, -5.1290



49.9770, 7.9750, 15.1670



47.9890, 24.8960, 0.3520

Rectangle

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



42.4680, -10.7260, -14.8700



39.9570, -33.9720, -12.0840



49.9770, 7.9750, 15.1670



48.1390, 24.8940, 11.4060

Sweetspot

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



42.4680, -10.7260, -14.8700



66.3860, -4.2630, -5.3430



49.5580, 6.6960, -11.2240



33.2230, -2.2460, -3.3500



163.0000, -0.0000, -0.0000



36.0000, -0.0000, 0.0000

Same Dimension

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



42.4680, -10.7260, -14.8700



51.4900, -16.9600, -23.0400



44.2920, -15.8620, -9.8940



26.8750, -1.1460, -1.2580



55.9420, -30.7570, -42.8290



133.2270, -73.3860, -101.7860

Inverse Universe

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



35.5320, 10.7260, 14.8700



40.6240, 16.6390, 23.3510



33.7080, 15.8620, 9.8940



26.2390, 0.8250, 1.5690



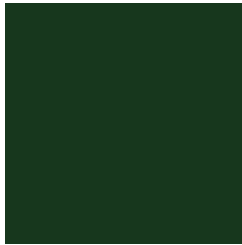
36.0580, 30.7570, 42.8290



85.7730, 73.3860, 101.7860

Previews

White Background



This preview shows how the YIQ color 42.4680, -10.7260, -14.8700 looks on a white background.

Color Contrast Check

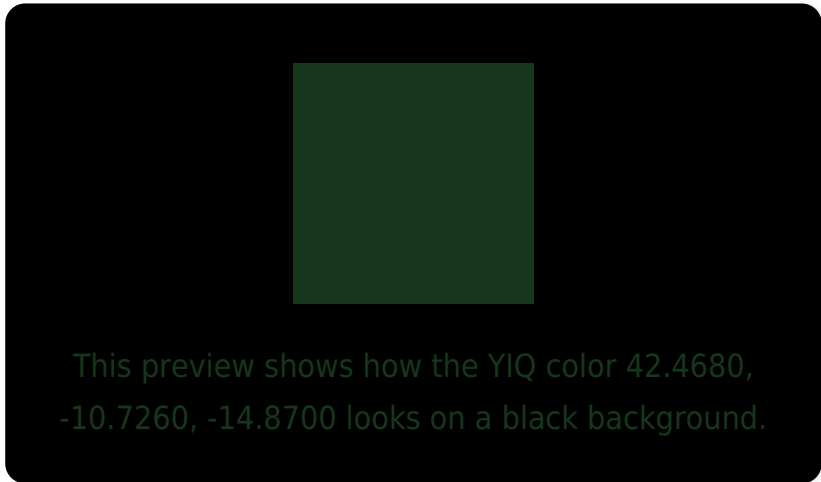
Large Text (above 18pt) WCAG AA ✓ Pass

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

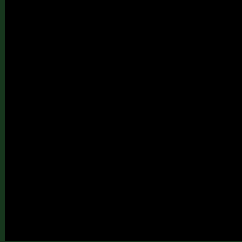
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 42.4680, -10.7260, -14.8700

Background



This preview shows how black text looks on a background with the YIQ color 42.4680, -10.7260, -14.8700.



This preview shows how white text looks on a background with the YIQ color 42.4680, -10.7260,

-14.8700.

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

42.4680, -10.7260, -14.8700

Protanopia

47.1010, 9.7210, -5.4710

Deuteranopia

47.8780, 11.9670, -2.1210



Tritanopia

45.8780, -14.3960, -3.4200

Trichromacy



Original Color

42.4680, -10.7260, -14.8700

Protanomaly

45.6870, 2.0190, -9.0610

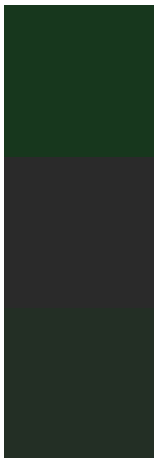
Deuteranomaly

45.6380, 3.7150, -6.7570

Tritanomaly

44.4280, -13.2490, -7.6890

Monochromacy



Original Color

42.4680, -10.7260, -14.8700

Achromatopsia

42.0000, -0.0000, -0.0000

Achromatomaly

42.2720, -3.9420, -5.6540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 42.4680, -10.7260, -14.8700 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(23, 55, 29)` looks like.

```
.text, #text, p{  
    color:rgb(23, 55, 29)  
}
```

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(23, 55, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 55, 29) }
```

Border

The CSS property to change the border of an element to YIQ 42.4680, -10.7260, -14.8700 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(23, 55, 29) }
```


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

```
.border{ border-color:rgb(23, 55, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 55, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 55, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 55, 29);  
box-shadow:4px 4px 4px 4px rgb(23, 55, 29)  
}
```

Background

The CSS property to change the background color of an element to YIQ 42.4680, -10.7260, -14.8700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 55, 29) }
```

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

```
.background{ background-color: rgb(23, 55,  
29) }
```

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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