

Converting Colors

YIQ(35.4800, -11.0000,
-20.9200)

Have a look what the booklet for
YIQ(35.4800, -11.0000, -20.9200)
contains.

YIQ(35.4800, -11.0000, -20.9200)	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(35.4800, -11.0000,
-20.9200)**

Conversions

Conversions Part 1

Format	Color
Hex	0C340C
RGB	12, 52, 12
RGB Percent	5%, 20%, 5%
CMY	0.9531, 0.7960, 0.9529
CMYK	0.77, 0.00, 0.77, 0.80
HSL	120°, 63%, 13%
HSV	120°, 77%, 20%
XYZ	1.4463, 2.5620, 0.7660
YIQ	35.4800, -11.0000, -20.9200

Conversions

Conversions Part 2

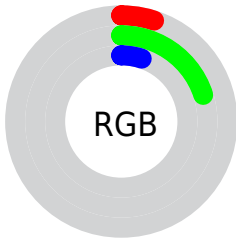
Format	Color
R_{YB}	12, 52, 52
Decimal	799756
CIE _{Lab}	18.20, -23.50, 20.42
CIE _{LCh}	18, 31.129, 139.014
Yxy	2.5620, 0.3029, 0.5366
Android (android.graphics.Color)	4278989836 (0xFF0C340C)
YUV	35.4800, -11.5756, -20.5920
Hunter-Lab	16.0061, -11.8819, 8.3668

Details

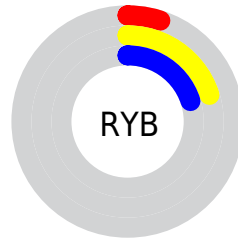
The YIQ color **35.4800, -11.0000, -20.9200** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **28.5200, 11.0000, 20.9200**, and the grayscale version is **36.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **82.4370, -9.4410, -21.6410**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **33.4150, -12.3750, -23.5350**, and if you desaturate by 10%, it is **37.5450, -9.6250, -18.3050**.

Distribution



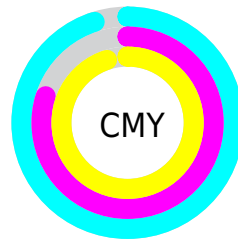
- Red (5%)
- Green (20%)
- Blue (5%)



- Red (5%)
- Yellow (20%)
- Blue (20%)



- Cyan (77%)
- Magenta (0%)
- Yellow (77%)
- Black (80%)





- Cyan (95%)
- Magenta (80%)
- Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 35.4800, -11.0000, -20.9200 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 35.4800, -11.0000, -20.9200 by changing the saturation by 10% instead.

 35.4800, -11.0000,
-20.9200


 35.4800, -11.0000,
-20.9200


 250.3710, 0.0930,
-7.1950

 18.7840, -8.8000,
-16.7360


 82.4370, -9.4410,
-21.6410

 0.0000, 0.0000,
0.0000

 106.9100, -9.3950,
-22.4750

 132.6820, -8.7530,
-23.0970

 158.9700, -9.6240,
-23.8320

 186.4430, -9.5780,
-24.6660

 214.0300, -9.8530,

-25.1890

■ 238.6930, -7.2860,
-22.1500

■ 35.4800, -11.0000,
-20.9200

■ 35.4800, -11.0000,
-20.9200

■ 33.4150, -12.3750,
-23.5350

■ 37.5450, -9.6250,
-18.3050

■ 31.3500, -13.7500,
-26.1500

■ 39.6100, -8.2500,
-15.6900

■ 30.5240, -14.3000,
-27.1960

■ 42.0880, -6.6000,
-12.5520

■ 44.1530, -5.2250,
-9.9370

■ 46.2180, -3.8500,
-7.3220

■ 48.2830, -2.4750,
-4.7070

■ 50.3480, -1.1000,
-2.0920

■ 52.8260, 0.5500,
1.0460

■ 54.8910, 1.9250,
3.6610

Harmonies

Analogous

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



41.0330, 12.4280, -15.9880



35.4800, -11.0000, -20.9200



35.6880, -26.0850, -17.3570

Triad

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



35.4800, -11.0000, -20.9200



38.9090, -42.0440, 2.0520



41.5640, 34.0630, 15.9430

Complementary

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



35.4800, -11.0000, -20.9200



28.5200, 11.0000, 20.9200

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.



42.9900, 24.2960, 22.2480



35.4800, -11.0000, -20.9200



42.3460, -23.9810, 10.6030

Square

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



35.4800, -11.0000, -20.9200



40.0030, -39.6130, -3.4610



46.0570, 4.9940, 19.6340



42.2460, 34.4780, 2.9100

Rectangle

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



35.4800, -11.0000, -20.9200



38.0990, -31.4960, -12.9040



46.0570, 4.9940, 19.6340



41.8890, 31.7700, 18.9540

Sweetspot

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



35.4800, -11.0000, -20.9200



62.3920, -4.4000, -8.3680



47.4400, 12.8400, -12.4400



31.8700, -2.7500, -5.2300



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.



35.4800, -11.0000, -20.9200



42.9810, -17.3250, -32.9490



37.7600, -17.4200, -14.7000



24.7610, -0.8250, -1.5690



52.2430, -24.4750, -46.5470



127.3790, -59.6750, -113.4910

Inverse Universe

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



28.5200, 11.0000, 20.9200



32.0190, 17.3250, 32.9490



26.2400, 17.4200, 14.7000



24.1250, 1.1460, 1.2580



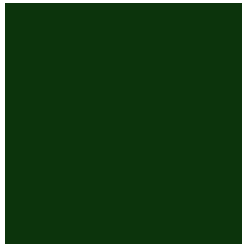
36.7570, 24.4750, 46.5470



89.6210, 59.6750, 113.4910

Previews

White Background



This preview shows how the YIQ color 35.4800, -11.0000, -20.9200 looks on a white background.

Color Contrast Check

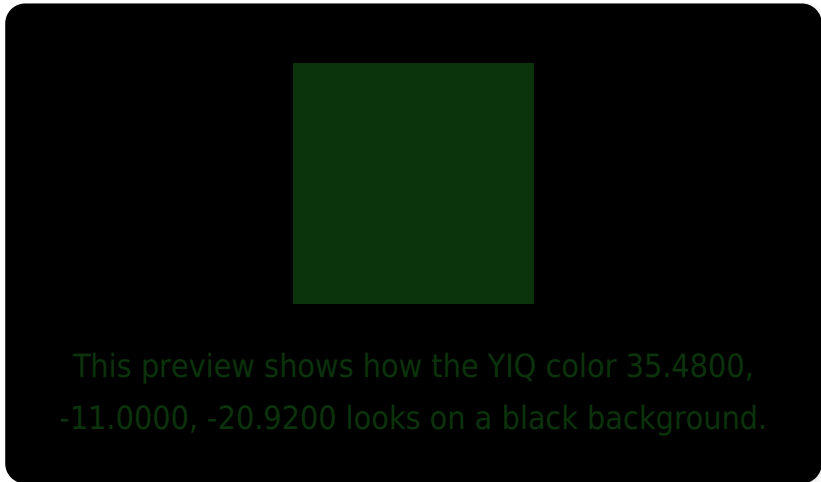
Large Text (above 18pt) WCAG AA ✓ Pass

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

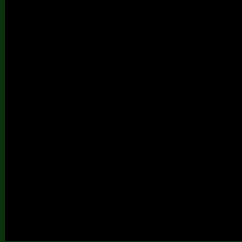
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 35.4800, -11.0000, -20.9200

Background



This preview shows how black text looks on a background with the YIQ color 35.4800, -11.0000, -20.9200.



This preview shows how white text looks on a background with the YIQ color 35.4800, -11.0000,

-20.9200.

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

35.4800, -11.0000, -20.9200

Protanopia

42.5050, 14.2150, -9.8250

Deuteranopia

43.8090, 16.4150, -5.6410



Tritanopia

41.2800, -15.5880, -3.8440

Trichromacy



Original Color

35.4800, -11.0000, -20.9200

Protanomaly

40.1940, 4.7250, -14.0510

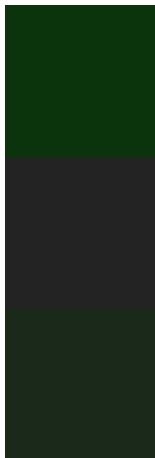
Deuteranomaly

40.6720, 6.3750, -10.9130

Tritanomaly

38.9610, -13.4320, -9.8800

Monochromacy



Original Color

35.4800, -11.0000, -20.9200

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

35.2180, -3.8500, -7.3220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 35.4800, -11.0000, -20.9200 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(12, 52, 12)` looks like.

```
.text, #text, p{  
    color:rgb(12, 52, 12)  
}
```

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(12, 52, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 52, 12) }
```

Border

The CSS property to change the border of an element to YIQ 35.4800, -11.0000, -20.9200 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(12, 52, 12) }
```


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

```
.border{ border-color:rgb(12, 52, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 52, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 52, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 52, 12);  
box-shadow:4px 4px 4px 4px rgb(12, 52, 12)  
}
```

Background

The CSS property to change the background color of an element to YIQ 35.4800, -11.0000, -20.9200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 52, 12) }
```

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

```
.background{ background-color: rgb(12, 52,  
12) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor