

Converting Colors

YIQ(63.2140, -34.6990,
-48.4830)

Have a look what the booklet for
YIQ(63.2140, -34.6990, -48.4830)
contains.

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Color

**YIQ(63.2140, -34.6990,
-48.4830)**

Conversions

Conversions Part 1

Format	Color
Hex	006813
RGB	0, 104, 19
RGB Percent	0%, 41%, 7%
CMY	1.0000, 0.5920, 0.9255
CMYK	1.00, 0.00, 0.82, 0.59
HSL	131°, 100%, 20%
HSV	131°, 100%, 41%
XYZ	5.0721, 9.9563, 2.2697
YIQ	63.2140, -34.6990, -48.4830

Conversions

Conversions Part 2

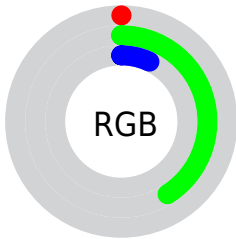
Format	Color
RYB	0, 88, 104
Decimal	26643
CIELab	37.76, -43.50, 37.65
CIELCh	38, 57.532, 139.119
Yxy	9.9563, 0.2932, 0.5756
Android (android.graphics.Color)	4278216723 (0xFF006813)
YUV	63.2140, -21.7975, -55.4387
Hunter-Lab	31.5537, -26.5260, 17.8227

Details

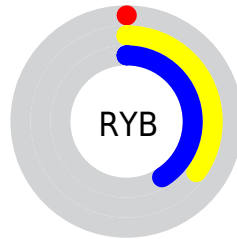
The YIQ color **63.2140, -34.6990, -48.4830** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **40.7860, 34.6990, 48.4830**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.9660, -22.1370, -44.8650**, and **32.2850, -15.1250, -28.7650** is the 20% darker color. If you saturate the color by 10%, you get **63.2140, -34.6990, -48.4830**, and if you desaturate by 10%, it is **67.1160, -31.3070, -43.8750**.

Distribution



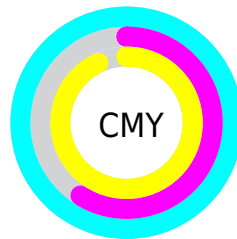
- Red (0%)
- Green (41%)
- Blue (7%)



- Red (0%)
- Yellow (35%)
- Blue (41%)



- Cyan (100%)
- Magenta (0%)
- Yellow (82%)
- Black (59%)



- Cyan (100%)
- Magenta (59%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 63.2140, -34.6990, -48.4830 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 63.2140, -34.6990, -48.4830 by changing the saturation by 10% instead.

■ 63.2140, -34.6990,
-48.4830

■ 63.2140, -34.6990,
-48.4830

255.0000, -0.0000,
-0.0000

■ 46.3730, -21.7250,
-41.3170

■ 120.9660,
-22.1370, -44.8650

■ 32.2850, -15.1250,
-28.7650

■ 148.6240,
-21.1740, -45.7980

■ 19.9580, -9.3500,
-17.7820

■ 176.3960,
-20.5320, -46.4200

■ 0.0000, 0.0000,
0.0000

■ 204.1680,
-19.8900, -47.0420

■ 224.4230,
-15.9940, -40.5540

■ 236.2860, -7.6980,

-25.6980

■ 248.1490, 0.5980,
-10.8420

■ 63.2140, -34.6990,
-48.4830

■ 67.1160, -31.3070,
-43.8750

■ 71.4310, -27.6400,
-38.7440

■ 75.4470, -24.5690,
-33.8250

■ 79.6480, -20.5810,
-29.0050

■ 83.6640, -17.5100,
-24.0860

■ 87.5660, -14.1180,
-19.4780

■ 91.8810, -10.4510,
-14.3470

■ 95.7830, -7.0590,
-9.7390

■ 100.0980, -3.3920,
-4.6080

Harmonies

Analogous

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



80.2720, 21.2800, -33.2480



63.2140, -34.6990, -48.4830



71.3760, -52.1700, -34.7140

Triad

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



63.2140, -34.6990, -48.4830



79.3340, -85.6010, 3.9910



78.1440, 71.1970, 36.8050

Complementary

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



63.2140, -34.6990, -48.4830



40.7860, 34.6990, 48.4830

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.



81.2950, 52.2590, 49.6270



63.2140, -34.6990, -48.4830



80.6630, -58.1860, 19.2700

Square

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



63.2140, -34.6990, -48.4830



80.9350, -80.4640, -6.5120



90.2930, 11.0420, 42.1940



82.2040, 69.8270, 6.5550

Rectangle

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



63.2140, -34.6990, -48.4830



75.6110, -62.7170, -25.2850



90.2930, 11.0420, 42.1940



76.9190, 67.7570, 44.0850

Sweetspot

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



63.2140, -34.6990, -48.4830



119.2780, -13.2470, -18.7430



87.0610, 23.2520, -35.9480



59.2450, -8.4800, -11.5200



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

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



63.2140, -34.6990, -48.4830



82.0950, -45.1500, -62.8300



68.9140, -50.7490, -32.9330



49.0490, -1.6960, -2.3040



69.8990, -38.3660, -53.6140



147.0700, -80.6740, -112.8820

Inverse Universe

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



40.7860, 34.6990, 48.4830



52.9050, 45.1500, 62.8300



35.0860, 50.7490, 32.9330



47.9510, 1.6960, 2.3040



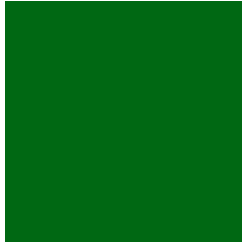
45.1010, 38.3660, 53.6140



94.9300, 80.6740, 112.8820

Previews

White Background



This preview shows how the YIQ color 63.2140, -34.6990, -48.4830 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

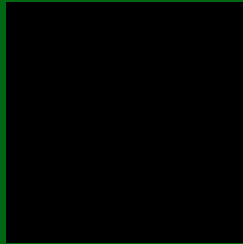
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 63.2140, -34.6990, -48.4830

Background



This preview shows how black text looks on a background with the YIQ color 63.2140, -34.6990, -48.4830.



This preview shows how white text looks on a background with the YIQ color 63.2140, -34.6990,

-48.4830.

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

63.2140, -34.6990, -48.4830

Protanopia

83.8530, 30.3100, -20.6820

Deuteranopia

85.8030, 33.7470, -11.3810



Tritanopia

81.7660, -34.7520, -8.9600

Trichromacy



Original Color

63.2140, -34.6990, -48.4830

Protanomaly

76.1380, 7.1580, -30.6180

Deuteranomaly

77.4960, 9.2660, -24.7660

Tritanomaly

75.2090, -35.1620, -23.5620

Monochromacy



Original Color

63.2140, -34.6990, -48.4830

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.1040, -12.6970, -17.6970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 63.2140, -34.6990, -48.4830 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(0, 104, 19)` looks like.

```
.text, #text, p{  
    color:rgb(0, 104, 19)  
}
```

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(0, 104, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 104, 19) }
```

Border

The CSS property to change the border of an element to YIQ 63.2140, -34.6990, -48.4830 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(0, 104, 19) }
```


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

```
.border{ border-color:rgb(0, 104, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 104, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 104, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 104, 19);  
box-shadow:4px 4px 4px 4px rgb(0, 104, 19)  
}
```

Background

The CSS property to change the background color of an element to YIQ 63.2140, -34.6990, -48.4830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 104, 19) }
```

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

```
.background{ background-color: rgb(0, 104,  
19) }
```

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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