

Converting Colors

YIQ(34.5770, -3.4830, -8.4670)

Have a look what the booklet for
YIQ(34.5770, -3.4830, -8.4670)
contains.

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Color

**YIQ(34.5770, -3.4830,
-8.4670)**

Conversions

Conversions Part 1

Format	Color
Hex	1A2918
RGB	26, 41, 24
RGB Percent	10%, 16%, 9%
CMY	0.8981, 0.8392, 0.9059
CMYK	0.37, 0.00, 0.41, 0.84
HSL	113°, 26%, 13%
HSV	113°, 41%, 16%
XYZ	1.3837, 1.8717, 1.1525
YIQ	34.5770, -3.4830, -8.4670

Conversions

Conversions Part 2

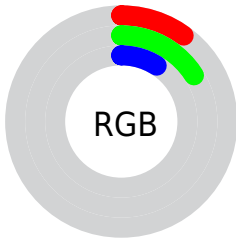
Format	Color
R_{YB}	24, 41, 39
Decimal	1714456
CIE _{Lab}	14.80, -10.67, 9.19
CIE _{LCh}	15, 14.079, 139.255
Yxy	1.8717, 0.3139, 0.4246
Android (android.graphics.Color)	4279904536 (0xFF1A2918)
YUV	34.5770, -5.2145, -7.5220
Hunter-Lab	13.6811, -5.8881, 4.5822

Details

The YIQ color **34.5770, -3.4830, -8.4670** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **30.4230, 3.4830, 8.4670**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **79.0500, -3.4370, -9.3010**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **32.9250, -4.5830, -10.5590**, and if you desaturate by 10%, it is **36.2290, -2.3830, -6.3750**.

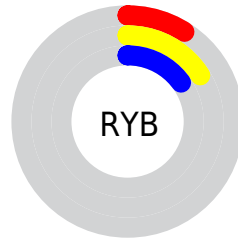
Distribution



Red (10%)

Green (16%)

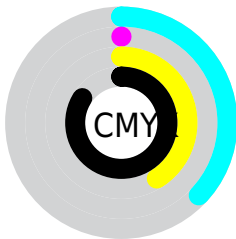
Blue (9%)



Red (9%)

Yellow (16%)

Blue (15%)

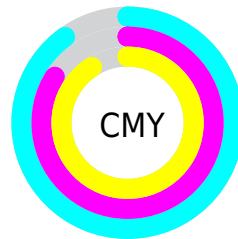


Cyan (37%)

Magenta (0%)

Yellow (41%)

Black (84%)



Cyan (90%)

Magenta (84%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 34.5770, -3.4830, -8.4670 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 34.5770, -3.4830, -8.4670 by changing the saturation by 10% instead.

■ 34.5770, -3.4830,
-8.4670

■ 34.5770, -3.4830,
-8.4670

■ 254.5440, 1.2840,
-1.2440

■ 12.3270, -5.7750,
-10.9830

■ 79.0500, -3.4370,
-9.3010

■ 0.0000, 0.0000,
0.0000

■ 103.5230, -3.3910,
-10.1350

■ 128.2240, -3.9870,
-10.3470

■ 154.1100, -3.6660,
-10.6580

■ 181.1100, -3.6660,
-10.6580

■ 208.6970, -3.9410,

-11.1810

■ 237.2840, -4.2160,
-11.7040

■ 34.5770, -3.4830,
-8.4670

■ 34.5770, -3.4830,
-8.4670

■ 32.9250, -4.5830,
-10.5590

■ 36.2290, -2.3830,
-6.3750

■ 31.5720, -5.0870,
-12.4390

■ 37.5820, -1.8790,
-4.4950

■ 29.9200, -6.1870,
-14.5310

■ 39.2340, -0.7790,
-2.4030

■ 28.5670, -6.6910,
-16.4110

■ 40.5870, -0.2750,
-0.5230

■ 26.8010, -7.4700,
-18.8140

■ 42.3530, 0.5040,
1.8800

■ 25.5620, -8.2950,
-20.3830

■ 44.0050, 1.6040,
3.9720

■ 45.3580, 2.1080,
5.8520

■ 47.0100, 3.2080,
7.9440

■ 48.6620, 4.3080,
10.0360

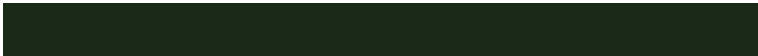
Harmonies

Analogous

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



36.0080, 5.5490, -6.9550



34.5770, -3.4830, -8.4670



32.3030, -14.3950, -8.9470

Triad

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



34.5770, -3.4830, -8.4670



34.1750, -19.4860, 0.7220



38.1870, 15.7710, 6.0350

Complementary

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



34.5770, -3.4830, -8.4670



30.4230, 3.4830, 8.4670

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.



38.4300, 10.7730, 8.5090



34.5770, -3.4830, -8.4670



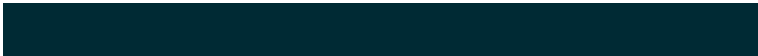
37.3830, -8.2080, 5.5840

Square

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



34.5770, -3.4830, -8.4670



30.5820, -28.2420, -5.7940



38.2380, 2.5660, 8.5660



37.5520, 16.0010, 1.8650

Rectangle

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



34.5770, -3.4830, -8.4670



30.9970, -22.2810, -9.2010



38.2380, 2.5660, 8.5660



37.7570, 14.1660, 7.5900

Sweetspot

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



34.5770, -3.4830, -8.4670



51.4080, -1.3290, -3.4490



37.8880, 6.0070, -4.2410



26.6470, -0.5040, -1.8800



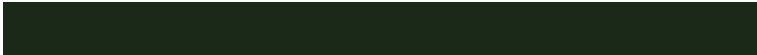
156.0000, -0.0000, -0.0000



28.0000, -0.0000, 0.0000

Same Dimension

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



34.5770, -3.4830, -8.4670



43.7460, -5.6370, -13.4850



34.6630, -6.6010, -7.0250



19.4730, 0.0460, -0.8340



52.2980, -17.1400, -41.8120



131.9190, -43.4000, -105.5760

Inverse Universe

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



30.4230, 3.4830, 8.4670



36.9550, 5.0410, 13.2730



30.3370, 6.6010, 7.0250



18.8260, 0.5500, 1.0460



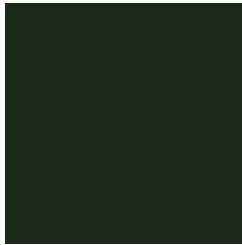
31.7020, 17.1400, 41.8120



80.0810, 43.4000, 105.5760

Previews

White Background



This preview shows how the YIQ color 34.5770, -3.4830, -8.4670 looks on a white background.

Color Contrast Check

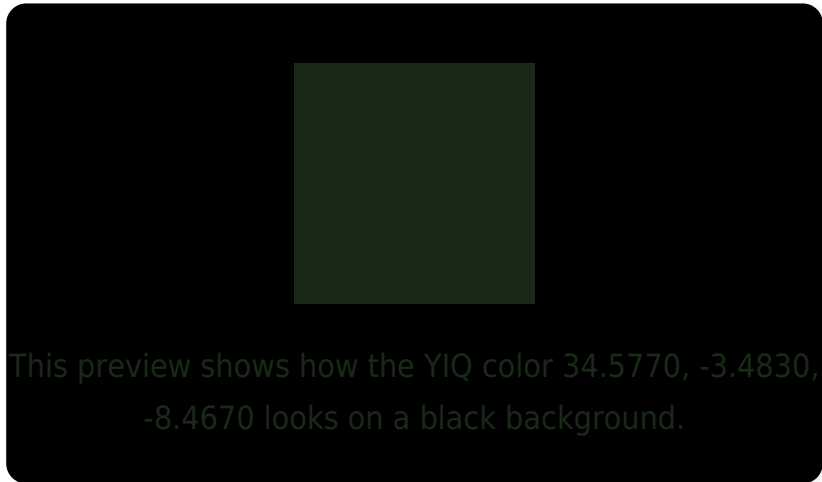
Large Text (above 18pt) WCAG AA ✓ Pass

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

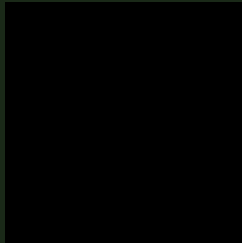
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 34.5770, -3.4830, -8.4670

Background



This preview shows how black text looks on a background with the YIQ color 34.5770, -3.4830, -8.4670.



This preview shows how white text looks on a background with the YIQ color 34.5770, -3.4830, -8.4670.

-8.4670.

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

34.5770, -3.4830, -8.4670

Protanopia

36.6000, 6.8780, -3.5060

Deuteranopia

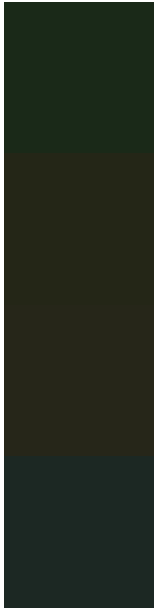
37.4370, 8.8950, -1.5130



Tritanopia

36.3520, -6.9230, -1.1870

Trichromacy



Original Color

34.5770, -3.4830, -8.4670

Protanomaly

35.6920, 3.6230, -5.0890

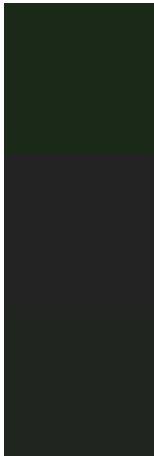
Deuteranomaly

36.5180, 4.1730, -4.0430

Tritanomaly

35.8420, -5.5470, -4.0990

Monochromacy



Original Color

34.5770, -3.4830, -8.4670

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

34.8210, -1.0540, -2.9260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 34.5770, -3.4830, -8.4670 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(26, 41, 24)` looks like.

```
.text, #text, p{  
    color:rgb(26, 41, 24)  
}
```

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(26, 41, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 41, 24) }
```

Border

The CSS property to change the border of an element to YIQ 34.5770, -3.4830, -8.4670 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(26, 41, 24) }
```


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

```
.border{ border-color:rgb(26, 41, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 41, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 41, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 41, 24);  
box-shadow:4px 4px 4px 4px rgb(26, 41, 24)  
}
```

Background

The CSS property to change the background color of an element to YIQ 34.5770, -3.4830, -8.4670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 41, 24) }
```

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

```
.background{ background-color: rgb(26, 41,  
24) }
```

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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