

Converting Colors

YIQ(84.3510, -41.8540,
-34.4460)

Have a look what the booklet for
YIQ(84.3510, -41.8540, -34.4460)
contains.

YIQ(84.3510, -41.8540, -34.4460)	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(84.3510, -41.8540,
-34.4460)**

Conversions

Conversions Part 1

Format	Color
Hex	177648
RGB	23, 118, 72
RGB Percent	9%, 46%, 28%
CMY	0.9100, 0.5371, 0.7178
CMYK	0.81, 0.00, 0.39, 0.54
HSL	151°, 67%, 28%
HSV	151°, 81%, 46%
XYZ	8.0036, 13.6151, 8.3313
YIQ	84.3510, -41.8540, -34.4460

Conversions

Conversions Part 2

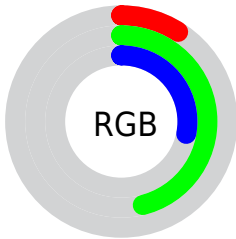
Format	Color
RYB	23, 86, 118
Decimal	1537608
CIELab	43.68, -38.07, 17.98
CIELCh	44, 42.101, 154.716
Yxy	13.6151, 0.2672, 0.4546
Android (android.graphics.Color)	4279727688 (0xFF177648)
YUV	84.3510, -6.0890, -53.8048
Hunter-Lab	36.8986, -25.8545, 12.4419

Details

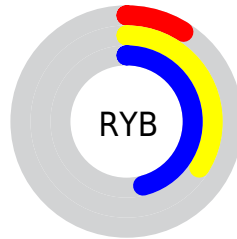
The YIQ color **84.3510, -41.8540, -34.4460** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **56.6490, 41.8540, 34.4460**, and the grayscale version is **84.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **139.2870, -35.8020, -33.9940**, and **43.1080, -27.6880, -26.8560** is the 20% darker color. If you saturate the color by 10%, you get **80.0790, -47.0800, -38.8560**, and if you desaturate by 10%, it is **88.6230, -36.6280, -30.0360**.

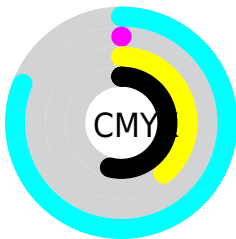
Distribution



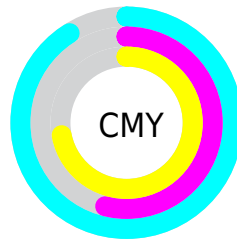
- Red (9%)
- Green (46%)
- Blue (28%)



- Red (9%)
- Yellow (34%)
- Blue (46%)



- Cyan (81%)
- Magenta (0%)
- Yellow (39%)
- Black (54%)



- Cyan (91%)
- Magenta (54%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 84.3510, -41.8540, -34.4460 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 84.3510, -41.8540, -34.4460 by changing the saturation by 10% instead.

■ 84.3510, -41.8540,
-34.4460

■ 84.3510, -41.8540,
-34.4460

■ 255.0000, -0.0000,
-0.0000

■ 60.1770, -41.3040,
-33.4000

■ 139.2870,
-35.8020, -33.9940

■ 42.9940, -27.3670,
-27.1670

■ 166.7600,
-35.7560, -34.8280

■ 26.7570, -13.3380,
-22.6020

■ 194.5320,
-35.1140, -35.4500

■ 12.3270, -5.7750,
-10.9830

■ 222.5320,
-35.1140, -35.4500

■ 0.0000, 0.0000,
0.0000

■ 234.0960,
-27.4140, -20.8060

■ 245.7310,

-18.4760, -6.5720

254.4020, -1.1920,
-0.4240

■ 84.3510, -41.8540,
-34.4460

■ 84.3510, -41.8540,
-34.4460

■ 80.0790, -47.0800,
-38.8560

■ 88.6230, -36.6280,
-30.0360

■ 76.2200, -52.0310,
-42.7430

■ 92.7810, -31.0810,
-25.9370

■ 96.7540, -26.4510,
-21.7390

■ 101.0260,
-21.2250, -17.3290

■ 105.2980,
-15.9990, -12.9190

■ 109.4560,
-10.4520, -8.8200

■ 113.7280, -5.2260,
-4.4100

■ 117.7010, -0.5960,
-0.2120

■ 121.8590, 4.9510,
3.8870

Harmonies

Analogous

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



95.3380, 3.7190, -28.8650



84.3510, -41.8540, -34.4460



82.7520, -67.6680, -29.1720

Triad

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



84.3510, -41.8540, -34.4460



93.3170, -60.5680, 7.3680



101.6450, 55.7040, 14.7120

Complementary

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



84.3510, -41.8540, -34.4460



56.6490, 41.8540, 34.4460

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.



102.8960, 48.2280, 29.0600



84.3510, -41.8540, -34.4460



105.8460, -10.2290, 25.6990

Square

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



84.3510, -41.8540, -34.4460



86.4290, -84.9110, -8.5190



105.9120, 24.9360, 32.6800



100.9300, 49.7470, -3.9890

Rectangle

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



84.3510, -41.8540, -34.4460



85.3740, -75.0510, -22.0190



105.9120, 24.9360, 32.6800



102.0350, 54.7860, 20.3380

Sweetspot

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



84.3510, -41.8540, -34.4460



139.8850, -16.2740, -13.4420



92.8180, 1.8870, -39.7210



68.8690, -10.1770, -8.2970



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



84.3510, -41.8540, -34.4460



100.5400, -65.0960, -53.7680



89.5950, -56.6200, -20.1400



56.8640, -2.6130, -2.2050



78.7960, -53.7730, -44.2130



161.4560, -110.1590, -90.6310

Inverse Universe

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



56.6490, 41.8540, 34.4460



57.3460, 65.4170, 53.4570



51.4050, 56.6200, 20.1400



55.1360, 2.6130, 2.2050



43.2040, 53.7730, 44.2130



88.5440, 110.1590, 90.6310

Previews

White Background



This preview shows how the YIQ color 84.3510, -41.8540, -34.4460 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 × Fail

Black Background



This preview shows how the YIQ color 84.3510, -41.8540, -34.4460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 84.3510, -41.8540, -34.4460

Background



This preview shows how black text looks on a background with the YIQ color 84.3510, -41.8540, -34.4460.



This preview shows how white text looks on a background with the YIQ color 84.3510, -41.8540,

-34.4460.

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

84.3510, -41.8540, -34.4460

Protanopia

101.4730, 17.2410, -9.5990

Deuteranopia

102.4830, 20.4490, -1.6550



Tritanopia

93.5910, -41.6290, -10.9810

Trichromacy



Original Color

84.3510, -41.8540, -34.4460

Protanomaly

95.0680, -3.8480, -18.3760

Deuteranomaly

95.6000, -2.2900, -13.5700

Tritanomaly

90.0220, -41.7650, -19.5330

Monochromacy



Original Color

84.3510, -41.8540, -34.4460

Achromatopsia

84.0000, -0.0000, -0.0000

Achromatomaly

84.0100, -15.1280, -12.1840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 84.3510, -41.8540, -34.4460 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, 118, 72)` looks like.

```
.text, #text, p{  
    color:rgb(23, 118, 72)  
}
```

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, 118, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 118, 72) }
```

Border

The CSS property to change the border of an element to YIQ 84.3510, -41.8540, -34.4460 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, 118, 72) }
```


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

```
.border{ border-color:rgb(23, 118, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 118, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 118, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 118, 72);  
box-shadow:4px 4px 4px 4px rgb(23, 118,  
72) }
```

Background

The CSS property to change the background color of an element to YIQ 84.3510, -41.8540, -34.4460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 118, 72) }
```

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

```
.background{ background-color: rgb(23, 118,  
72) }
```

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