

Converting Colors

YIQ(85.4140, 61.5690, 35.0810)

Have a look what the booklet for
YIQ(85.4140, 61.5690, 35.0810)
contains.

YIQ(85.4140, 61.5690, 35.0810)	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(85.4140, 61.5690,
35.0810)**

Conversions

Conversions Part 1

Format	Color
Hex	A62E4D
RGB	166, 46, 77
RGB Percent	65%, 18%, 30%
CMY	0.3487, 0.8198, 0.6978
CMYK	0.00, 0.72, 0.54, 0.35
HSL	344°, 57%, 42%
HSV	344°, 72%, 65%
XYZ	18.0588, 10.6021, 8.1262
YIQ	85.4140, 61.5690, 35.0810

Conversions

Conversions Part 2

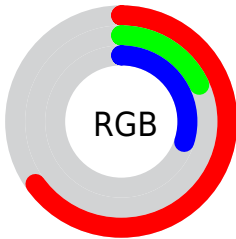
Format	Color
R_{YB}	166, 46, 77
Decimal	10890829
CIE Lab	38.90, 50.80, 10.45
CIE LCh	39, 51.862, 11.628
Yxy	10.6021, 0.4909, 0.2882
Android (android.graphics.Color)	4289080909 (0xFFA62E4D)
YUV	85.4140, -4.1481, 70.6739
Hunter-Lab	32.5608, 42.0176, 7.9956

Details

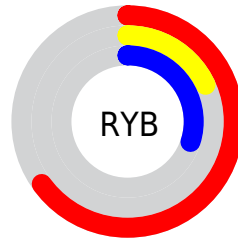
The YIQ color **85.4140, 61.5690, 35.0810** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **126.5860, -61.5690, -35.0810**, and the grayscale version is **85.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **141.2250, 66.4750, 34.2750**, and **36.0540, 53.7750, 33.1590** is the 20% darker color. If you saturate the color by 10%, you get **74.0670, 70.0960, 40.2400**, and if you desaturate by 10%, it is **96.7610, 53.0420, 29.9220**.

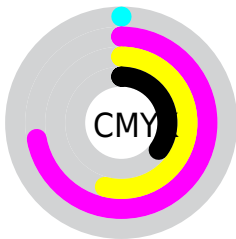
Distribution



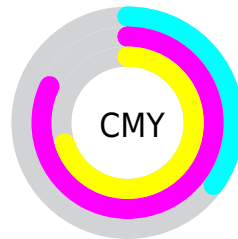
- Red (65%)
- Green (18%)
- Blue (30%)



- Red (65%)
- Yellow (18%)
- Blue (30%)



- Cyan (0%)
- Magenta (72%)
- Yellow (54%)
- Black (35%)



- Cyan (35%)
- Magenta (82%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 85.4140, 61.5690, 35.0810 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 85.4140, 61.5690, 35.0810 by changing the saturation by 10% instead.

■ 85.4140, 61.5690,
35.0810

■ 85.4140, 61.5690,
35.0810

255.0000, -0.0000,
-0.0000

■ 53.1030, 61.2470,
40.9190

■ 141.2250, 66.4750,
34.2750

■ 36.0540, 53.7750,
33.1590

■ 168.7090, 67.9880,
34.3880

■ 25.1740, 44.1490,
20.3810

■ 188.1090, 51.9420,
27.8300

■ 16.3740, 31.5420,
12.0700

■ 207.7370, 35.2540,
21.8940

■ 2.3920, 4.7680,
1.6960

■ 227.3650, 18.5660,
15.9580

■ 0.0000, 0.0000,
0.0000

■ 246.7820, 3.8500,

7.3220

■ 85.4140, 61.5690,
35.0810

■ 85.4140, 61.5690,
35.0810

■ 74.0670, 70.0960,
40.2400

■ 96.7610, 53.0420,
29.9220

■ 63.1930, 78.6690,
44.5650

■ 107.6350, 44.4690,
25.5970

■ 54.5360, 85.1330,
48.5650

■ 118.9820, 35.9420,
20.4380

■ 129.7420, 27.6900,
15.8020

■ 141.2030, 18.8420,
10.9540

■ 152.5500, 10.3150,
5.7950

■ 163.3100, 2.0630,
1.1590

■ 174.7710, -6.7850,
-3.6890

■ 185.5310,
-15.0370, -8.3250

Harmonies

Analogous

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



89.8370, 38.6890, 42.2490



85.4140, 61.5690, 35.0810



86.9680, 64.9200, 12.8880

Triad

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



85.4140, 61.5690, 35.0810



77.3810, -7.0080, -38.2080



80.0690, -83.5370, -0.3770

Complementary

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



85.4140, 61.5690, 35.0810



126.5860, -61.5690, -35.0810

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.



80.7410, -77.1620, -11.2900



85.4140, 61.5690, 35.0810



71.1650, -50.1980, -37.4140

Square

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



85.4140, 61.5690, 35.0810



84.4690, 31.0910, -29.3330



77.3550, -64.8720, -24.7760



73.3670, -81.2000, 6.8320

Rectangle

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



85.4140, 61.5690, 35.0810



86.9220, 61.3930, -5.7990



77.3550, -64.8720, -24.7760



81.1460, -82.4360, -3.8120

Sweetspot

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



85.4140, 61.5690, 35.0810



184.7200, 24.7560, 13.9080



85.9920, 13.9280, 55.9760



90.5830, 14.7160, 8.6360



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



85.4140, 61.5690, 35.0810



90.0970, 96.9150, 55.3070



98.3160, 63.8200, 10.7960



78.6200, 4.1260, 2.3180



48.5840, 76.0100, 43.1940



6.5500, 10.3150, 5.7950

Inverse Universe

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



85.4140, 61.5690, 35.0810



90.0970, 96.9150, 55.3070



113.6840, -63.8200, -10.7960



78.6200, 4.1260, 2.3180



48.5840, 76.0100, 43.1940



6.5500, 10.3150, 5.7950

Previews

White Background



This preview shows how the YIQ color 85.4140, 61.5690, 35.0810 looks on a white background.

Color Contrast Check

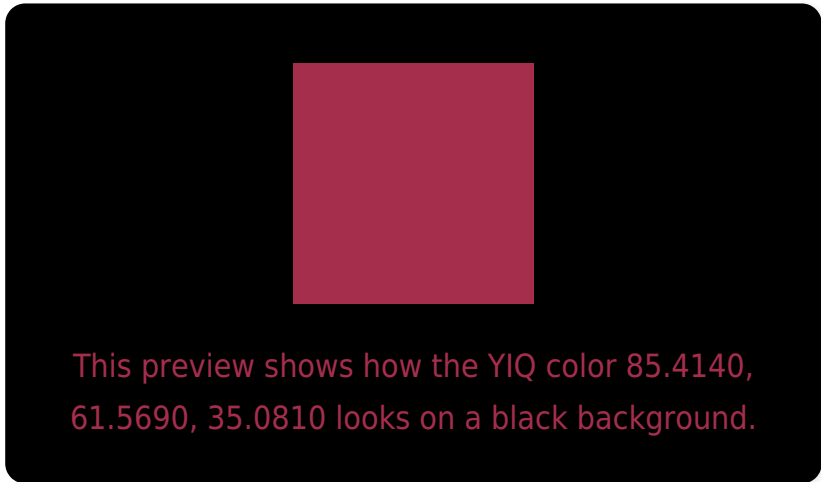
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

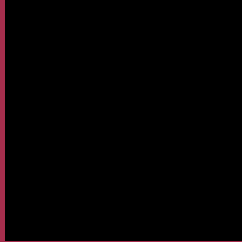
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 85.4140, 61.5690, 35.0810

Background



This preview shows how black text looks on a background with the YIQ color 85.4140, 61.5690, 35.0810.



This preview shows how white text looks on a background with the YIQ color 85.4140, 61.5690,

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

85.4140, 61.5690, 35.0810

Protanopia

93.0260, -2.8890, 2.7990

Deuteranopia

92.9280, 17.6980, -1.3580



Tritanopia

85.4280, 66.9810, 25.1010

Trichromacy



Original Color

85.4140, 61.5690, 35.0810

Protanomaly

90.0940, 20.7670, 14.6150

Deuteranomaly

90.0430, 33.9720, 12.0840

Tritanomaly

85.1660, 64.9630, 28.6350

Monochromacy



Original Color

85.4140, 61.5690, 35.0810

Achromatopsia

85.0000, -0.0000, 0.0000

Achromatomaly

85.1110, 22.0970, 12.5370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 85.4140, 61.5690, 35.0810 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(166, 46, 77)` looks like.

```
.text, #text, p{  
    color:rgb(166, 46, 77)  
}
```

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(166, 46, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 46, 77) }
```

Border

The CSS property to change the border of an element to YIQ 85.4140, 61.5690, 35.0810 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(166, 46, 77) }
```


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

```
.border{ border-color:rgb(166, 46, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 46, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 46, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 46, 77);  
box-shadow:4px 4px 4px 4px rgb(166, 46,  
77) }
```

Background

The CSS property to change the background color of an element to YIQ 85.4140, 61.5690, 35.0810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 46, 77) }
```

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

```
.background{ background-color: rgb(166, 46,  
77) }
```

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