

Converting Colors

YIQ(140.0490, 41.8620, -9.7700)

Have a look what the booklet for
YIQ(140.0490, 41.8620, -9.7700)
contains.

YIQ(140.0490, 41.8620, -9.7700)	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(140.0490, 41.8620,
-9.7700)**

Conversions

Conversions Part 1

Format	Color
Hex	AE874D
RGB	174, 135, 77
RGB Percent	68%, 53%, 30%
CMY	0.3176, 0.4706, 0.6978
CMYK	0.00, 0.22, 0.56, 0.32
HSL	36°, 39%, 49%
HSV	36°, 56%, 68%
XYZ	27.4619, 26.8602, 10.7683
YIQ	140.0490, 41.8620, -9.7700

Conversions

Conversions Part 2

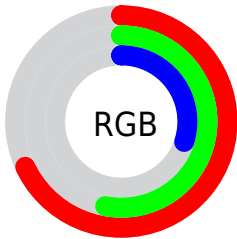
Format	Color
R_{YB}	142, 174, 77
Decimal	11437901
CIE _{Lab}	58.84, 7.94, 36.55
CIE _{LCh}	59, 37.406, 77.743
Yxy	26.8602, 0.4219, 0.4127
Android (android.graphics.Color)	4289627981 (0xFFAE874D)
YUV	140.0490, -31.0832, 29.7750
Hunter-Lab	51.8269, 3.8862, 23.9599

Details

The YIQ color **140.0490, 41.8620, -9.7700** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **110.9510, -41.8620, 9.7700**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.2020, 45.8050, -9.6430**, and **88.8960, 37.9190, -9.8970** is the 20% darker color. If you saturate the color by 10%, you get **134.0020, 49.2440, -11.3960**, and if you desaturate by 10%, it is **146.0960, 34.4800, -8.1440**.

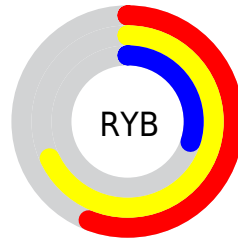
Distribution



Red (68%)

Green (53%)

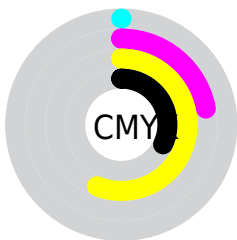
Blue (30%)



Red (56%)

Yellow (68%)

Blue (30%)

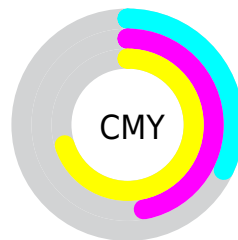


Cyan (0%)

Magenta (22%)

Yellow (56%)

Black (32%)



Cyan (32%)

Magenta (47%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 140.0490, 41.8620, -9.7700 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 140.0490, 41.8620, -9.7700 by changing the saturation by 10% instead.

■ 140.0490, 41.8620,
-9.7700

■ 140.0490, 41.8620,
-9.7700

■ 255.0000, -0.0000,
-0.0000

■ 114.2660, 39.7530,
-10.0950

■ 194.2020, 45.8050,
-9.6430

■ 88.8960, 37.9190,
-9.8970

■ 220.5930, 43.1460,
-11.0140

■ 64.4720, 36.1770,
-11.3670

■ 240.1070, 26.7790,
-17.2610

■ 44.1000, 28.6570,
-7.2390

■ 249.7560, 14.7660,
-14.3060

■ 23.9990, 18.9360,
-1.7680

■ 252.9480, 5.7780,
-5.5980

■ 2.3920, 4.7680,
1.6960

■ 0.0000, 0.0000,

0.0000

■ 140.0490, 41.8620,
-9.7700

■ 140.0490, 41.8620,
-9.7700

■ 134.0020, 49.2440,
-11.3960

■ 146.0960, 34.4800,
-8.1440

■ 127.8410, 56.9470,
-13.3330

■ 152.2570, 26.7770,
-6.2070

■ 121.7940, 64.3290,
-14.9590

■ 158.3040, 19.3950,
-4.5810

■ 115.6330, 72.0320,
-16.8960

■ 164.4650, 11.6920,
-2.6440

■ 113.0740, 75.1040,
-17.5040

■ 170.5120, 4.3100,
-1.0180

■ 176.5590, -3.0720,
0.6080

■ 182.7200,
-10.7750, 2.5450

■ 188.7670,
-18.1570, 4.1710

■ 194.9280,
-25.8600, 6.1080

Harmonies

Analogous

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



142.1080, 52.5420, 5.9340



140.0490, 41.8620, -9.7700



137.3510, 20.0400, -21.7840

Triad

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



140.0490, 41.8620, -9.7700



111.5730, -95.0850, -33.3970



145.6970, 6.3680, 27.7760

Complementary

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



140.0490, 41.8620, -9.7700



110.9510, -41.8620, 9.7700

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.



141.3380, -29.5300, 17.5580



140.0490, 41.8620, -9.7700



113.1180, -103.5690, -22.8090

Square

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



140.0490, 41.8620, -9.7700



124.8650, -49.0530, -30.6290



129.0720, -70.4240, -1.2400



145.0670, 34.5650, 28.8770

Rectangle

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



140.0490, 41.8620, -9.7700



134.2500, 1.1510, -26.3770



129.0720, -70.4240, -1.2400



145.0700, -5.0480, 25.4160

Sweetspot

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



140.0490, 41.8620, -9.7700



213.1620, 16.9190, -3.7610



110.5630, 44.9720, 33.0040



107.0950, 9.8580, -2.4460



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



140.0490, 41.8620, -9.7700



173.8650, 65.5670, -15.3690



160.5500, 26.3690, -31.8630



83.6260, 3.9890, -0.7070



97.6800, 64.6500, -15.2700



15.0950, 9.8580, -2.4460

Inverse Universe

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



110.9510, -41.8620, 9.7700



128.1350, -65.5670, 15.3690



90.4500, -26.3690, 31.8630



81.3740, -3.9890, 0.7070



52.9070, -64.9250, 14.7470



7.9050, -9.8580, 2.4460

Previews

White Background



This preview shows how the YIQ color 140.0490, 41.8620, -9.7700 looks on a white 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

Black Background



This preview shows how the YIQ color 140.0490, 41.8620, -9.7700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

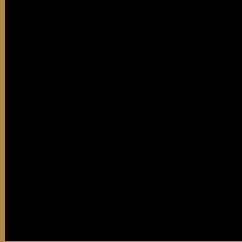
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 140.0490, 41.8620, -9.7700

Background



This preview shows how black text looks on a background with the YIQ color 140.0490, 41.8620, -9.7700.



This preview shows how white text looks on a background with the YIQ color 140.0490, 41.8620, -9.7700.

-9.7700.

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

140.0490, 41.8620, -9.7700

Protanopia

139.0040, 28.5670, -16.6250

Deuteranopia

140.0490, 41.8620, -9.7700



Tritanopia

144.3890, 27.1860, 13.9220

Trichromacy



Original Color

140.0490, 41.8620, -9.7700

Protanomaly

139.2220, 33.8850, -13.8830

Deuteranomaly

140.0490, 41.8620, -9.7700

Tritanomaly

143.0440, 32.2310, 5.0870

Monochromacy



Original Color

140.0490, 41.8620, -9.7700

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.7920, 15.0850, -3.5630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.0490, 41.8620, -9.7700 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(174, 135, 77)` looks like.

```
.text, #text, p{  
    color:rgb(174, 135, 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(174, 135, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 135, 77) }
```

Border

The CSS property to change the border of an element to YIQ 140.0490, 41.8620, -9.7700 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(174, 135, 77) }
```


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

```
.border{ border-color:rgb(174, 135, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 135, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 135, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 135, 77);  
box-shadow:4px 4px 4px 4px rgb(174, 135,  
77) }
```

Background

The CSS property to change the background color of an element to YIQ 140.0490, 41.8620, -9.7700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 135, 77) }
```

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

```
.background{ background-color: rgb(174,  
135, 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