

Converting Colors

YIQ(133.4490, 34.9840, -6.2640)

Have a look what the booklet for
YIQ(133.4490, 34.9840, -6.2640)
contains.

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Color

**YIQ(133.4490, 34.9840,
-6.2640)**

Conversions

Conversions Part 1

Format	Color
Hex	A38054
RGB	163, 128, 84
RGB Percent	64%, 50%, 33%
CMY	0.3607, 0.4981, 0.6704
CMYK	0.00, 0.21, 0.48, 0.36
HSL	33°, 32%, 48%
HSV	33°, 48%, 64%
XYZ	24.4264, 23.8633, 11.7152
YIQ	133.4490, 34.9840, -6.2640

Conversions

Conversions Part 2

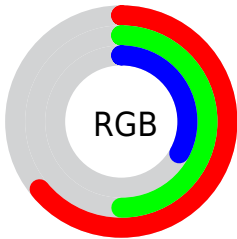
Format	Color
RYB	147, 163, 84
Decimal	10715220
CIELab	55.95, 7.76, 28.93
CIElCh	56, 29.950, 74.988
Yxy	23.8633, 0.4071, 0.3977
Android (android.graphics.Color)	4288905300 (0xFFA38054)
YUV	133.4490, -24.3784, 25.9162
Hunter-Lab	48.8501, 3.7673, 19.9761

Details

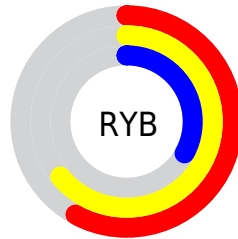
The YIQ color **133.4490, 34.9840, -6.2640** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **113.5510, -34.9840, 6.2640**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **187.3030, 38.3310, -6.3490**, and **83.2960, 31.0410, -6.3910** is the 20% darker color. If you saturate the color by 10%, you get **127.5160, 42.0450, -7.5790**, and if you desaturate by 10%, it is **139.3820, 27.9230, -4.9490**.

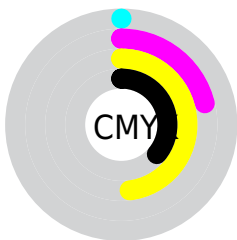
Distribution



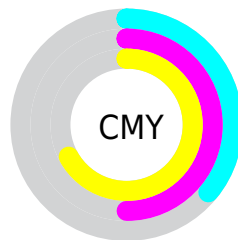
- Red (64%)
- Green (50%)
- Blue (33%)



- Red (58%)
- Yellow (64%)
- Blue (33%)



- Cyan (0%)
- Magenta (21%)
- Yellow (48%)
- Black (36%)



- Cyan (36%)
- Magenta (50%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.4490, 34.9840, -6.2640 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 133.4490, 34.9840, -6.2640 by changing the saturation by 10% instead.

■ 133.4490, 34.9840,
-6.2640

■ 133.4490, 34.9840,
-6.2640

■ 255.0000, -0.0000,
-0.0000

■ 107.9650, 33.4710,
-6.3770

■ 187.3030, 38.3310,
-6.3490

■ 83.2960, 31.0410,
-6.3910

■ 214.9010, 39.5230,
-5.9250

■ 59.3990, 29.2530,
-7.0270

■ 236.2090, 26.7320,
-10.9000

■ 38.1860, 25.5390,
-5.7970

■ 250.5540, 12.5190,
-12.1290

■ 18.3840, 16.4140,
-0.1140

■ 253.7460, 3.5310,
-3.4210

■ 0.0000, 0.0000,
0.0000

■ 133.4490, 34.9840,
-6.2640

■ 133.4490, 34.9840,
-6.2640

■ 127.5160, 42.0450,
-7.5790

■ 139.3820, 27.9230,
-4.9490

■ 121.4690, 49.4270,
-9.2050

■ 145.4290, 20.5410,
-3.3230

■ 114.9490, 56.7630,
-9.9970

■ 151.9490, 13.2050,
-2.5310

■ 109.0160, 63.8240,
-11.3120

■ 157.8820, 6.1440,
-1.2160

■ 103.0830, 70.8850,
-12.6270

■ 163.9290, -1.2380,
0.4100

■ 102.1540, 72.1230,
-13.0370

■ 169.8620, -8.2990,
1.7250

■ 176.3820,
-15.6350, 2.5170

■ 182.3150,

-22.6960, 3.8320

■ 188.3620,
-30.0780, 5.4580

Harmonies

Analogous

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



134.8450, 43.0970, 6.4010



133.4490, 34.9840, -6.2640



131.1430, 17.9300, -16.5820

Triad

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



133.4490, 34.9840, -6.2640



117.0890, -61.0670, -22.1470



137.7410, 3.0680, 21.5000

Complementary

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



133.4490, 34.9840, -6.2640



113.5510, -34.9840, 6.2640

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.



133.7420, -25.0360, 13.2040



133.4490, 34.9840, -6.2640



116.4440, -72.0720, -15.4320

Square

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



133.4490, 34.9840, -6.2640



122.9920, -33.0530, -23.2370



125.8800, -52.2680, 0.1160



137.8870, 26.0840, 22.8840

Rectangle

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



133.4490, 34.9840, -6.2640



128.7220, 2.9380, -20.2140



125.8800, -52.2680, 0.1160



136.8970, -6.2390, 19.4650

Sweetspot

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



133.4490, 34.9840, -6.2640



200.1340, 14.1220, -2.6300



111.7250, 35.5280, 27.9440



100.1380, 8.2990, -1.7250



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



133.4490, 34.9840, -6.2640



165.6930, 54.6080, -9.4880



152.7980, 22.9750, -25.4170



78.6260, 3.9890, -0.7070



90.9020, 64.1450, -11.6230



11.2520, 7.9780, -1.4140

Inverse Universe

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



113.5510, -34.9840, 6.2640



134.7200, -54.3330, 10.0110



94.2020, -22.9750, 25.4170



76.3740, -3.9890, 0.7070



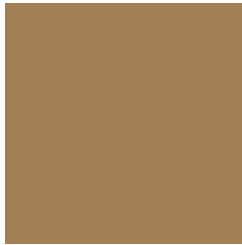
54.0980, -64.1450, 11.6230



6.7480, -7.9780, 1.4140

Previews

White Background



This preview shows how the YIQ color 133.4490, 34.9840, -6.2640 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 133.4490, 34.9840, -6.2640 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 133.4490, 34.9840, -6.2640

Background



This preview shows how black text looks on a background with the YIQ color 133.4490, 34.9840, -6.2640.



This preview shows how white text looks on a background with the YIQ color 133.4490, 34.9840, -6.2640.

-6.2640.

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

133.4490, 34.9840, -6.2640

Protanopia

132.2300, 22.2390, -12.0730

Deuteranopia

133.1500, 34.3880, -6.4760



Tritanopia

136.4810, 23.9310, 12.3390

Trichromacy



Original Color

133.4490, 34.9840, -6.2640

Protanomaly

132.7360, 26.6860, -10.0660

Deuteranomaly

133.1500, 34.3880, -6.4760

Tritanomaly

135.4180, 28.2420, 5.7940

Monochromacy



Original Color

133.4490, 34.9840, -6.2640

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.0630, 12.8840, -2.2200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.4490, 34.9840, -6.2640 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(163, 128, 84)` looks like.

```
.text, #text, p{  
    color:rgb(163, 128, 84)  
}
```

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(163, 128, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 128, 84) }
```

Border

The CSS property to change the border of an element to YIQ 133.4490, 34.9840, -6.2640 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(163, 128, 84) }
```


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

```
.border{ border-color:rgb(163, 128, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 128, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 128, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 128, 84);  
box-shadow:4px 4px 4px 4px rgb(163, 128,  
84) }
```

Background

The CSS property to change the background color of an element to YIQ 133.4490, 34.9840, -6.2640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 128, 84) }
```

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

```
.background{ background-color: rgb(163,  
128, 84) }
```

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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