

Converting Colors

YIQ(148.9770, 33.1970,
-12.4270)

Have a look what the booklet for
YIQ(148.9770, 33.1970, -12.4270)
contains.

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Color

**YIQ(148.9770, 33.1970,
-12.4270)**

Conversions

Conversions Part 1

Format	Color
Hex	AD945B
RGB	173, 148, 91
RGB Percent	68%, 58%, 36%
CMY	0.3215, 0.4196, 0.6430
CMYK	0.00, 0.14, 0.47, 0.32
HSL	42°, 33%, 52%
HSV	42°, 47%, 68%
XYZ	29.7134, 30.8175, 14.2900
YIQ	148.9770, 33.1970, -12.4270

Conversions

Conversions Part 2

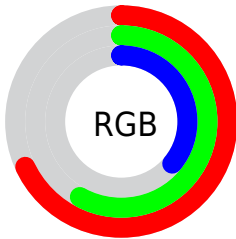
Format	Color
RYB	127, 173, 91
Decimal	11375707
CIELab	62.35, 1.62, 33.45
CIELCh	62, 33.493, 87.236
Yxy	30.8175, 0.3971, 0.4119
Android (android.graphics.Color)	4289565787 (0xFFAD945B)
YUV	148.9770, -28.5827, 21.0682
Hunter-Lab	55.5135, -1.6071, 23.5974

Details

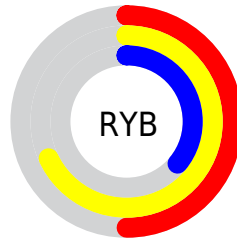
The YIQ color **148.9770, 33.1970, -12.4270** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **115.0230, -33.1970, 12.4270**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **203.5320, 35.9480, -12.7240**, and **98.0090, 30.1710, -12.6530** is the 20% darker color. If you saturate the color by 10%, you get **144.1040, 40.0290, -15.0990**, and if you desaturate by 10%, it is **153.8500, 26.3650, -9.7550**.

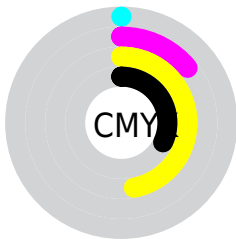
Distribution



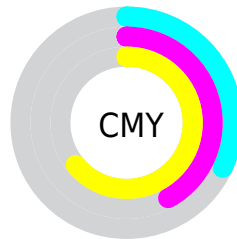
- Red (68%)
- Green (58%)
- Blue (36%)



- Red (50%)
- Yellow (68%)
- Blue (36%)



- Cyan (0%)
- Magenta (14%)
- Yellow (47%)
- Black (32%)




- Cyan (32%)
- Magenta (42%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.9770, 33.1970, -12.4270 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 148.9770, 33.1970, -12.4270 by changing the saturation by 10% instead.


 148.9770, 33.1970,
-12.4270


 148.9770, 33.1970,
-12.4270


 255.0000, -0.0000,
-0.0000


 122.9060, 31.9590,
-12.0170


 203.5320, 35.9480,
-12.7240

 98.0090, 30.1710,
-12.6530


 230.5210, 34.4810,
-13.6710


 73.5250, 28.6580,
-12.7660


 248.2740, 18.9390,
-18.3490

 50.2690, 26.5030,
-12.2570

 251.5800, 9.6300,
-9.3300

 31.0540, 17.1030,
-7.0970

 254.7720, 0.6420,
-0.6220

 8.8930, 7.6110,
-0.2690

 0.0000, 0.0000,

0.0000

■ 148.9770, 33.1970,
-12.4270

■ 148.9770, 33.1970,
-12.4270

■ 144.1040, 40.0290,
-15.0990

■ 153.8500, 26.3650,
-9.7550

■ 138.5300, 47.4570,
-17.5590

■ 159.4240, 18.9370,
-7.2950

■ 133.6570, 54.2890,
-20.2310

■ 164.2970, 12.1050,
-4.6230

■ 128.7840, 61.1210,
-22.9030

■ 169.1700, 5.2730,
-1.9510

■ 123.9110, 67.9530,
-25.5750

■ 174.1570, -1.8800,
1.0320

■ 122.1670, 70.1080,
-26.0840

■ 179.6170, -8.9870,
3.1810

■ 184.4900,
-15.8190, 5.8530

■ 189.3630,
-22.6510, 8.5250

■ 194.9370,
-30.0790, 10.9850

Harmonies

Analogous

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



151.2380, 46.1240, 1.1000



148.9770, 33.1970, -12.4270



145.9740, 10.9160, -21.6280

Triad

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



148.9770, 33.1970, -12.4270



127.4870, -82.7990, -24.7750



155.1340, 15.2630, 26.2630

Complementary

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



148.9770, 33.1970, -12.4270



115.0230, -33.1970, 12.4270

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.



152.6340, -15.6840, 19.9320



148.9770, 33.1970, -12.4270



133.7410, -77.1620, -11.2900

Square

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



148.9770, 33.1970, -12.4270



135.4180, -51.9880, -26.9960



145.1350, -48.3720, 6.6040



154.1010, 37.2250, 24.7210

Rectangle

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



148.9770, 33.1970, -12.4270



143.4000, -8.0190, -25.3870



145.1350, -48.3720, 6.6040



154.8170, 5.9100, 25.0620

Sweetspot

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



148.9770, 33.1970, -12.4270



215.1830, 12.4260, -4.9340



118.4820, 40.5260, 25.4700



106.3120, 7.7490, -2.7710



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



148.9770, 33.1970, -12.4270



186.5150, 51.8130, -19.4110



159.1670, 17.3820, -28.6820



84.2130, 3.7140, -1.2300



106.4850, 60.5250, -23.1150



16.2690, 9.3080, -3.4920

Inverse Universe

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



115.0230, -33.1970, 12.4270



134.0720, -52.0880, 18.8880



104.8330, -17.3820, 28.6820



80.7870, -3.7140, 1.2300



44.1020, -60.8000, 22.5920



6.7310, -9.3080, 3.4920

Previews

White Background



This preview shows how the YIQ color 148.9770, 33.1970, -12.4270 looks on a white 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

Black Background



This preview shows how the YIQ color 148.9770, 33.1970, -12.4270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

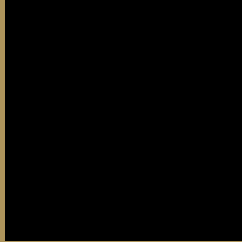
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 148.9770, 33.1970, -12.4270

Background



This preview shows how black text looks on a background with the YIQ color 148.9770, 33.1970, -12.4270.



This preview shows how white text looks on a background with the YIQ color 148.9770, 33.1970, -12.4270.

-12.4270.

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

148.9770, 33.1970, -12.4270

Protanopia

148.4600, 27.2830, -15.3810

Deuteranopia

149.7330, 39.9360, -7.9040



Tritanopia

153.6160, 19.1170, 11.4770

Trichromacy



Original Color

148.9770, 33.1970, -12.4270

Protanomaly

148.7700, 29.3460, -14.2220

Deuteranomaly

149.1240, 37.2770, -9.2750

Tritanomaly

152.2710, 24.1620, 2.6420

Monochromacy



Original Color

148.9770, 33.1970, -12.4270

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

149.2970, 12.1050, -4.6230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.9770, 33.1970, -12.4270 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(173, 148, 91)` looks like.

```
.text, #text, p{  
    color:rgb(173, 148, 91)  
}
```

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(173, 148, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 148, 91) }
```

Border

The CSS property to change the border of an element to YIQ 148.9770, 33.1970, -12.4270 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(173, 148, 91) }
```


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

```
.border{ border-color:rgb(173, 148, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 148, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 148, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 148, 91);  
box-shadow:4px 4px 4px 4px rgb(173, 148,  
91) }
```

Background

The CSS property to change the background color of an element to YIQ 148.9770, 33.1970, -12.4270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 148, 91) }
```

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

```
.background{ background-color: rgb(173,  
148, 91) }
```

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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