

Converting Colors

YIQ(169.9190, 12.7490,
-16.2990)

Have a look what the booklet for
YIQ(169.9190, 12.7490, -16.2990)
contains.

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Color

**YIQ(169.9190, 12.7490,
-16.2990)**

Conversions

Conversions Part 1

Format	Color
Hex	ACB180
RGB	172, 177, 128
RGB Percent	67%, 69%, 50%
CMY	0.3255, 0.3059, 0.4979
CMYK	0.03, 0.00, 0.28, 0.31
HSL	66°, 24%, 60%
HSV	66°, 28%, 69%
XYZ	36.6312, 41.7736, 26.5623
YIQ	169.9190, 12.7490, -16.2990

Conversions

Conversions Part 2

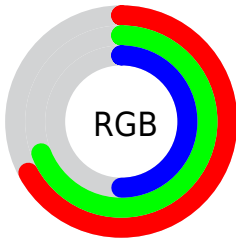
Format	Color
RYB	128, 177, 133
Decimal	11317632
CIELab	70.71, -9.90, 24.54
CIELCh	71, 26.463, 111.979
Yxy	41.7736, 0.3490, 0.3980
Android (android.graphics.Color)	4289507712 (0xFFACB180)
YUV	169.9190, -20.6661, 1.8250
Hunter-Lab	64.6325, -11.9400, 20.8761

Details

The YIQ color **169.9190, 12.7490, -16.2990** is a light color, and the websafe version is hex **999966**. A complement of this color would be **135.0810, -12.7490, 16.2990**, and the grayscale version is **170.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **225.5770, 13.7120, -17.2320**, and **117.8480, 11.5110, -15.8890** is the 20% darker color. If you saturate the color by 10%, you get **167.2690, 17.3350, -22.3210**, and if you desaturate by 10%, it is **172.5690, 8.1630, -10.2770**.

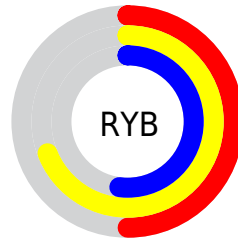
Distribution



Red (67%)

Green (69%)

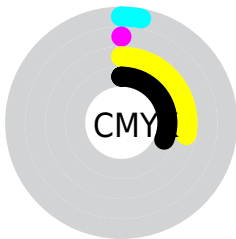
Blue (50%)



Red (50%)

Yellow (69%)

Blue (52%)

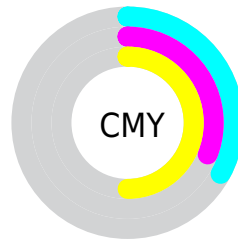


Cyan (3%)

Magenta (0%)

Yellow (28%)

Black (31%)



Cyan (33%)

Magenta (31%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 169.9190, 12.7490, -16.2990 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 169.9190, 12.7490, -16.2990 by changing the saturation by 10% instead.

■ 169.9190, 12.7490,
-16.2990

■ 169.9190, 12.7490,
-16.2990

■ 255.0000, -0.0000,
-0.0000

■ 143.1470, 12.1070,
-15.6770

■ 225.5770, 13.7120,
-17.2320

■ 117.8480, 11.5110,
-15.8890

■ 249.7560, 14.7660,
-14.3060

■ 93.0760, 10.8690,
-15.2670

■ 252.9480, 5.7780,
-5.5980

■ 69.3040, 10.2270,
-14.6450

■ 46.0050, 9.6310,
-14.8570

■ 26.2590, 6.1000,
-11.4360

■ 2.9350, -1.3750,

-2.6150

■ 0.0000, 0.0000,
0.0000

■ 169.9190, 12.7490,
-16.2990

■ 169.9190, 12.7490,
-16.2990

■ 167.2690, 17.3350,
-22.3210

■ 172.5690, 8.1630,
-10.2770

■ 164.7330, 21.6000,
-28.0320

■ 175.1050, 3.8980,
-4.5660

■ 162.3820, 26.7820,
-33.8420

■ 177.4560, -1.2840,
1.2440

■ 159.7320, 31.3680,
-39.8640

■ 180.1060, -5.8700,
7.2660

■ 157.1960, 35.6330,
-45.5750

■ 182.7560,
-10.4560, 13.2880

■ 154.5460, 40.2190,
-51.5970

■ 185.2920,
-14.7210, 18.9990

■ 151.8960, 44.8050,
-57.6190

■ 187.9420,
-19.3070, 25.0210

■ 151.4400, 46.0890,
-58.8630

■ 188.5830,
-19.6740, 26.1660

■ 189.1810,
-18.4820, 26.5900

Harmonies

Analogous

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



172.4700, 30.4910, -7.4370



169.9190, 12.7490, -16.2990



166.7790, -10.4040, -20.7080

Triad

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



169.9190, 12.7490, -16.2990



163.3540, -53.9630, -7.7150



176.9750, 28.6520, 20.3960

Complementary

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



169.9190, 12.7490, -16.2990



135.0810, -12.7490, 16.2990

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.



176.8510, 8.5700, 20.9060



169.9190, 12.7490, -16.2990



169.0450, -39.4310, 4.2570

Square

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



169.9190, 12.7490, -16.2990



161.3400, -51.3480, -16.5640



174.1730, -16.0040, 14.7160



175.7340, 39.3360, 13.9920

Rectangle

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



169.9190, 12.7490, -16.2990



164.1670, -26.1760, -21.2160



174.1730, -16.0040, 14.7160



176.9790, 22.8290, 21.3010

Sweetspot

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



169.9190, 12.7490, -16.2990



227.2360, 4.9070, -6.3330



145.5860, 27.8290, 7.7730



113.3330, 3.2560, -3.9440



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.



169.9190, 12.7490, -16.2990



218.9440, 19.6280, -25.3320



162.7430, -1.5550, -21.3870



87.6750, 2.2930, -3.0110



130.7740, 39.5770, -50.9750



22.1390, 6.5580, -8.7220

Inverse Universe

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



135.0810, -12.7490, 16.2990



165.0560, -19.6280, 25.3320



142.2570, 1.5550, 21.3870



81.3250, -2.2930, 3.0110



22.2260, -39.5770, 50.9750



3.8610, -6.5580, 8.7220

Previews

White Background



This preview shows how the YIQ color 169.9190, 12.7490, -16.2990 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 169.9190, 12.7490, -16.2990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

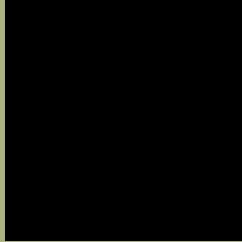
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

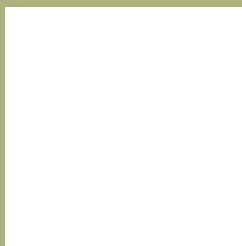
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 169.9190, 12.7490, -16.2990

Background



This preview shows how black text looks on a background with the YIQ color 169.9190, 12.7490, -16.2990.



This preview shows how white text looks on a background with the YIQ color 169.9190, 12.7490,

-16.2990.

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

169.9190, 12.7490, -16.2990

Protanopia

171.5290, 22.8350, -11.8610

Deuteranopia

173.2580, 34.2040, -3.1400



Tritanopia

174.1730, 1.1910, 5.9510

Trichromacy



Original Color

169.9190, 12.7490, -16.2990

Protanomaly

170.7350, 19.2590, -13.1330

Deuteranomaly

171.9040, 26.2730, -8.0870

Tritanomaly

172.7570, 4.9980, -2.4740

Monochromacy



Original Color

169.9190, 12.7490, -16.2990

Achromatopsia

170.0000, -0.0000, 0.0000

Achromatomaly

170.3500, 4.5860, -6.0220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 169.9190, 12.7490, -16.2990 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(172, 177, 128)` looks like.

```
.text, #text, p{  
    color:rgb(172, 177, 128)  
}
```

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(172, 177, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 177, 128) }
```

Border

The CSS property to change the border of an element to YIQ 169.9190, 12.7490, -16.2990 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(172, 177, 128) }
```


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

```
.border{ border-color:rgb(172, 177, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 177, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 177, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 177, 128); box-shadow:4px 4px 4px 4px rgb(172, 177, 128) }
```

Background

The CSS property to change the background color of an element to YIQ 169.9190, 12.7490, -16.2990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 177, 128) }
```

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

```
.background{ background-color: rgb(172,  
177, 128) }
```

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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