

Converting Colors

YIQ(171.0290, 18.2510,
-16.8930)

Have a look what the booklet for
YIQ(171.0290, 18.2510, -16.8930)
contains.

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Color

**YIQ(171.0290, 18.2510,
-16.8930)**

Conversions

Conversions Part 1

Format	Color
Hex	B2B17A
RGB	178, 177, 122
RGB Percent	70%, 69%, 48%
CMY	0.3020, 0.3059, 0.5214
CMYK	0.00, 0.01, 0.31, 0.30
HSL	59°, 27%, 59%
HSV	59°, 31%, 70%
XYZ	37.5949, 42.3139, 24.6078
YIQ	171.0290, 18.2510, -16.8930

Conversions

Conversions Part 2

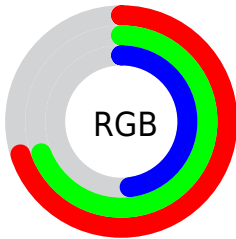
Format	Color
RYB	123, 178, 122
Decimal	11710842
CIELab	71.09, -8.35, 28.33
CIELCh	71, 29.529, 106.416
Yxy	42.3139, 0.3597, 0.4049
Android (android.graphics.Color)	4289900922 (0xFFB2B17A)
YUV	171.0290, -24.1713, 6.1136
Hunter-Lab	65.0492, -10.6726, 23.1053

Details

The YIQ color **171.0290, 18.2510, -16.8930** is a light color, and the websafe version is hex **999966**. A complement of this color would be **128.9710, -18.2510, 16.8930**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **226.6870, 19.2140, -17.8260**, and **118.7730, 16.0960, -16.3840** is the 20% darker color. If you saturate the color by 10%, you get **168.9770, 24.0290, -22.4910**, and if you desaturate by 10%, it is **173.0810, 12.4730, -11.2950**.

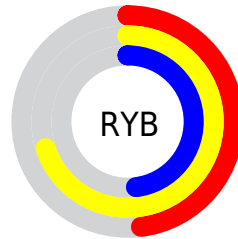
Distribution



Red (70%)

Green (69%)

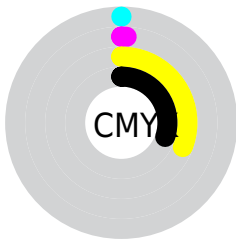
Blue (48%)



Red (48%)

Yellow (70%)

Blue (48%)

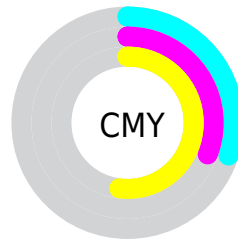


Cyan (0%)

Magenta (1%)

Yellow (31%)

Black (30%)



Cyan (30%)

Magenta (31%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 171.0290, 18.2510, -16.8930 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 171.0290, 18.2510, -16.8930 by changing the saturation by 10% instead.

■ 171.0290, 18.2510,
-16.8930

■ 171.0290, 18.2510,
-16.8930

255.0000, -0.0000,
-0.0000

■ 144.2570, 17.6090,
-16.2710

■ 226.6870, 19.2140,
-17.8260

■ 118.7730, 16.0960,
-16.3840

■ 249.0720, 16.6920,
-16.1720

■ 93.8870, 15.7750,
-16.0730

■ 252.2640, 7.7040,
-7.4640

■ 69.8160, 14.5370,
-15.6630

■ 46.5880, 15.1790,
-16.2850

■ 27.1560, 7.8880,
-10.8000

■ 4.1090, -1.9250,

-3.6610

■ 0.0000, 0.0000,
0.0000

■ 171.0290, 18.2510,
-16.8930

■ 171.0290, 18.2510,
-16.8930

■ 168.9770, 24.0290,
-22.4910

■ 173.0810, 12.4730,
-11.2950

■ 166.3380, 30.0820,
-27.5660

■ 175.7200, 6.4200,
-6.2200

■ 164.4000, 35.5390,
-32.8530

■ 177.6580, 0.9630,
-0.9330

■ 162.3480, 41.3170,
-38.4510

■ 179.7100, -4.8150,
4.6650

■ 159.7090, 47.3700,
-43.5260

■ 182.3490,
-10.8680, 9.7400

■ 157.6570, 53.1480,
-49.1240

■ 184.4010,
-16.6460, 15.3380

■ 155.9470, 57.9630,
-53.7890

■ 186.4530,
-22.4240, 20.9360

■ 187.9520,
-25.2670, 22.9010

Harmonies

Analogous

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



173.5200, 36.2220, -6.6740



171.0290, 18.2510, -16.8930



167.7640, -6.0480, -22.5600

Triad

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



171.0290, 18.2510, -16.8930



161.1570, -63.7740, -11.6300



178.0830, 28.4680, 23.7320

Complementary

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



171.0290, 18.2510, -16.8930



128.9710, -18.2510, 16.8930

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.



177.7520, 4.5350, 22.4470



171.0290, 18.2510, -16.8930



167.9020, -49.3340, 2.0100

Square

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



171.0290, 18.2510, -16.8930



160.1820, -56.8950, -20.6630



174.1660, -23.2940, 14.6740



176.8100, 42.1780, 17.5540

Rectangle

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



171.0290, 18.2510, -16.8930



165.0700, -24.5250, -23.6050



174.1660, -23.2940, 14.6740



178.1900, 20.8570, 24.0010

Sweetspot

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



171.0290, 18.2510, -16.8930



229.6060, 6.7410, -6.5310



138.9720, 32.7340, 12.4940



115.5180, 4.1730, -4.0430



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



171.0290, 18.2510, -16.8930



220.7940, 28.7980, -26.3220



163.8420, 2.4800, -22.9280



87.9740, 2.8890, -2.7990



133.7970, 49.9380, -46.0140



22.4490, 8.6210, -7.5630

Inverse Universe

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



128.9710, -18.2510, 16.8930



154.6190, -28.5230, 26.8450



136.1580, -2.4800, 22.9280



81.0260, -2.8890, 2.7990



19.2030, -49.9380, 46.0140



2.9640, -8.3460, 8.0860

Previews

White Background



This preview shows how the YIQ color 171.0290, 18.2510, -16.8930 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 171.0290, 18.2510, -16.8930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

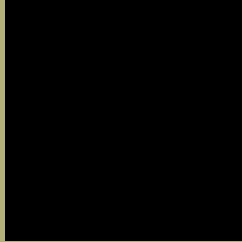
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 171.0290, 18.2510, -16.8930

Background



This preview shows how black text looks on a background with the YIQ color 171.0290, 18.2510, -16.8930.



This preview shows how white text looks on a background with the YIQ color 171.0290, 18.2510,

-16.8930.

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

171.0290, 18.2510, -16.8930

Protanopia

172.1440, 25.3570, -13.5150

Deuteranopia

174.0580, 37.6430, -4.8930



Tritanopia

175.3800, 5.0420, 7.7460

Trichromacy



Original Color

171.0290, 18.2510, -16.8930

Protanomaly

171.5350, 22.6980, -14.8860

Deuteranomaly

173.0030, 30.3080, -9.6280

Tritanomaly

173.7360, 9.4910, -1.3010

Monochromacy



Original Color

171.0290, 18.2510, -16.8930

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

171.0190, 7.0160, -6.0080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.0290, 18.2510, -16.8930 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(178, 177, 122)` looks like.

```
.text, #text, p{  
    color:rgb(178, 177, 122)  
}
```

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(178, 177, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 177, 122) }
```

Border

The CSS property to change the border of an element to YIQ 171.0290, 18.2510, -16.8930 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(178, 177, 122) }
```


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

```
.border{ border-color:rgb(178, 177, 122) }
```

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

Here you see how a box with a 4 pixel rgb(178, 177, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 177, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 177, 122);  
box-shadow:4px 4px 4px 4px rgb(178, 177,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 171.0290, 18.2510, -16.8930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 177, 122) }
```

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

```
.background{ background-color: rgb(178,  
177, 122) }
```

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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