

Converting Colors

YIQ(148.9880, 61.0270,
-10.1810)

Have a look what the booklet for
YIQ(148.9880, 61.0270, -10.1810)
contains.

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Color

**YIQ(148.9880, 61.0270,
-10.1810)**

Conversions

Conversions Part 1

Format	Color
Hex	C98B40
RGB	201, 139, 64
RGB Percent	79%, 55%, 25%
CMY	0.2117, 0.4550, 0.7487
CMYK	0.00, 0.31, 0.68, 0.21
HSL	33°, 56%, 52%
HSV	33°, 68%, 79%
XYZ	34.2507, 31.2497, 9.0885
YIQ	148.9880, 61.0270, -10.1810

Conversions

Conversions Part 2

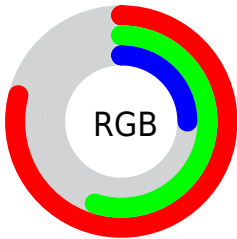
Format	Color
RYB	177, 201, 64
Decimal	13208384
CIELab	62.72, 16.51, 48.31
CIElCh	63, 51.056, 71.139
Yxy	31.2497, 0.4592, 0.4190
Android (android.graphics.Color)	4291398464 (0xFFC98B40)
YUV	148.9880, -41.8991, 45.6145
Hunter-Lab	55.9015, 11.5390, 29.4916

Details

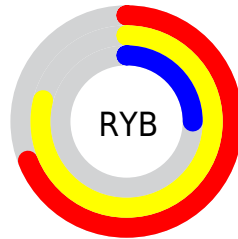
The YIQ color **148.9880, 61.0270, -10.1810** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **116.0120, -61.0270, 10.1810**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **202.6460, 61.9900, -11.1140**, and **96.1400, 57.5430, -13.1210** is the 20% darker color. If you saturate the color by 10%, you get **141.4250, 69.9220, -11.6940**, and if you desaturate by 10%, it is **156.5510, 52.1320, -8.6680**.

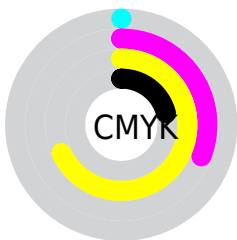
Distribution



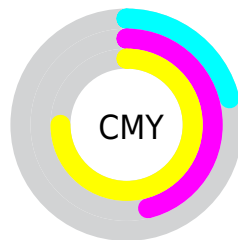
- Red (79%)
- Green (55%)
- Blue (25%)



- Red (69%)
- Yellow (79%)
- Blue (25%)



- Cyan (0%)
- Magenta (31%)
- Yellow (68%)
- Black (21%)



- Cyan (21%)
- Magenta (46%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.9880, 61.0270, -10.1810 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 148.9880, 61.0270, -10.1810 by changing the saturation by 10% instead.

■ 148.9880, 61.0270,
-10.1810

■ 148.9880, 61.0270,
-10.1810

■ 255.0000, -0.0000,
-0.0000

■ 122.2050, 58.9180,
-10.5060

■ 202.0590, 62.2650,
-10.5910

■ 96.1400, 57.5430,
-13.1210

■ 221.4590, 46.2190,
-17.1490

■ 72.2410, 50.0690,
-9.8270

■ 241.5600, 29.5770,
-23.9190

■ 51.2540, 40.0270,
-4.0450

■ 248.2740, 18.9390,
-18.3490

■ 30.8540, 29.7100,
1.2140

■ 251.5800, 9.6300,
-9.3300

■ 10.7640, 21.4560,
7.6320

■ 254.8860, 0.3210,

■ 0.0000, 0.0000,

-0.3110

0.0000

■ 148.9880, 61.0270,
-10.1810

■ 148.9880, 61.0270,
-10.1810

■ 141.4250, 69.9220,
-11.6940

■ 156.5510, 52.1320,
-8.6680

■ 133.8620, 78.8170,
-13.2070

■ 164.1140, 43.2370,
-7.1550

■ 126.2990, 87.7120,
-14.7200

■ 171.6770, 34.3420,
-5.6420

■ 124.6690, 89.5460,
-14.9180

■ 179.2400, 25.4470,
-4.1290

■ 187.5040, 15.9560,
-2.8280

■ 195.0670, 7.0610,
-1.3150

■ 202.6300, -1.8340,
0.1980

■ 210.1930,
-10.7290, 1.7110

■ 217.7560,
-19.6240, 3.2240

Harmonies

Analogous

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



150.5020, 72.1640, 13.7640



148.9880, 61.0270, -10.1810



145.7360, 34.7130, -28.8950

Triad

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



148.9880, 61.0270, -10.1810



121.2900, -101.7780, -38.7540



156.0740, -1.7030, 36.3850

Complementary

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



148.9880, 61.0270, -10.1810



116.0120, -61.0270, 10.1810

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.



146.6090, -58.0940, 17.6020



148.9880, 61.0270, -10.1810



124.9040, -114.7100, -24.6460

Square

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



148.9880, 61.0270, -10.1810



123.1300, -69.4530, -46.3890



123.2860, -121.1770, -12.0650



155.2070, 40.5230, 42.0510

Rectangle

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



148.9880, 61.0270, -10.1810



142.5310, 10.1850, -35.9190



123.2860, -121.1770, -12.0650



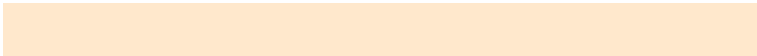
154.4570, -19.0790, 31.9050

Sweetspot

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



148.9880, 61.0270, -10.1810



235.6850, 22.6960, -3.8320



112.2590, 61.1080, 48.9480



116.2480, 13.8010, -2.3190



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



148.9880, 61.0270, -10.1810



175.4090, 93.2140, -15.3140



183.8870, 40.9970, -43.6670



95.6260, 3.9890, -0.7070



100.9800, 72.6730, -11.9910



22.5040, 15.9560, -2.8280

Inverse Universe

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



116.0120, -61.0270, 10.1810



125.5910, -93.2140, 15.3140



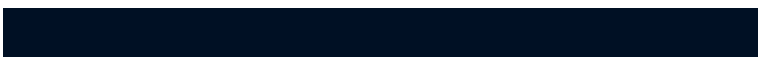
81.1130, -40.9970, 43.6670



93.3740, -3.9890, 0.7070



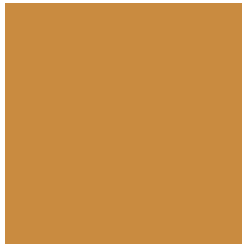
62.0200, -72.6730, 11.9910



13.4960, -15.9560, 2.8280

Previews

White Background



This preview shows how the YIQ color 148.9880, 61.0270, -10.1810 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 148.9880, 61.0270, -10.1810 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 148.9880, 61.0270, -10.1810

Background



This preview shows how black text looks on a background with the YIQ color 148.9880, 61.0270, -10.1810.



This preview shows how white text looks on a background with the YIQ color 148.9880, 61.0270, -10.1810.

-10.1810.

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

148.9880, 61.0270, -10.1810

Protanopia

147.5070, 37.0960, -22.5200

Deuteranopia

148.8080, 52.5460, -16.1740



Tritanopia

154.5650, 41.4900, 19.0100

Trichromacy



Original Color

148.9880, 61.0270, -10.1810

Protanomaly

148.0460, 45.9440, -17.6720

Deuteranomaly

148.8300, 55.4800, -14.2800

Tritanomaly

152.5360, 48.4610, 8.3090

Monochromacy



Original Color

148.9880, 61.0270, -10.1810

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

148.7990, 22.3750, -3.5210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.9880, 61.0270, -10.1810 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(201, 139, 64)` looks like.

```
.text, #text, p{  
    color:rgb(201, 139, 64)  
}
```

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(201, 139, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 139, 64) }
```

Border

The CSS property to change the border of an element to YIQ 148.9880, 61.0270, -10.1810 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(201, 139, 64) }
```


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

```
.border{ border-color:rgb(201, 139, 64) }
```

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

Here you see how a box with a 4 pixel rgb(201, 139, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 139, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 139, 64);  
box-shadow:4px 4px 4px 4px rgb(201, 139,  
64) }
```

Background

The CSS property to change the background color of an element to YIQ 148.9880, 61.0270, -10.1810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 139, 64) }
```

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

```
.background{ background-color: rgb(201,  
139, 64) }
```

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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