

Converting Colors

YIQ(169.8040, 14.8110, -9.6130)

Have a look what the booklet for
YIQ(169.8040, 14.8110, -9.6130)
contains.

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Color

**YIQ(169.8040, 14.8110,
-9.6130)**

Conversions

Conversions Part 1

Format	Color
Hex	B2AC89
RGB	178, 172, 137
RGB Percent	70%, 67%, 54%
CMY	0.3020, 0.3255, 0.4627
CMYK	0.00, 0.03, 0.23, 0.30
HSL	51°, 21%, 62%
HSV	51°, 23%, 70%
XYZ	37.6286, 40.7756, 29.5624
YIQ	169.8040, 14.8110, -9.6130

Conversions

Conversions Part 2

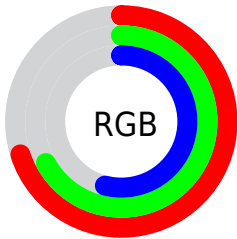
Format	Color
RYB	144, 178, 137
Decimal	11709577
CIELab	70.02, -3.63, 18.80
CIELCh	70, 19.149, 100.929
Yxy	40.7756, 0.3485, 0.3777
Android (android.graphics.Color)	4289899657 (0xFFB2AC89)
YUV	169.8040, -16.1724, 7.1879
Hunter-Lab	63.8558, -6.5619, 17.2504

Details

The YIQ color **169.8040, 14.8110, -9.6130** is a light color, and the websafe version is hex **999966**. A complement of this color would be **145.1960, -14.8110, 9.6130**, and the grayscale version is **170.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **224.9890, 15.7280, -9.7120**, and **117.7330, 13.5730, -9.2030** is the 20% darker color. If you saturate the color by 10%, you get **165.9910, 21.4140, -13.6420**, and if you desaturate by 10%, it is **173.6170, 8.2080, -5.5840**.

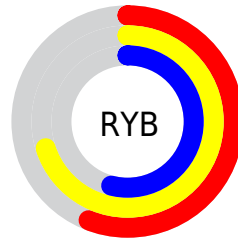
Distribution



Red (70%)

Green (67%)

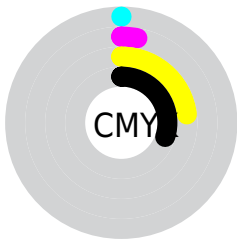
Blue (54%)



Red (56%)

Yellow (70%)

Blue (54%)

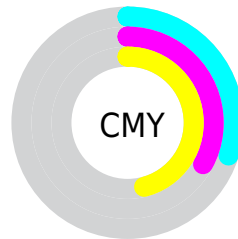


Cyan (0%)

Magenta (3%)

Yellow (23%)

Black (30%)



Cyan (30%)

Magenta (33%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 169.8040, 14.8110, -9.6130 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 169.8040, 14.8110, -9.6130 by changing the saturation by 10% instead.

■ 169.8040, 14.8110,
-9.6130

■ 169.8040, 14.8110,
-9.6130

■ 255.0000, -0.0000,
-0.0000

■ 143.0320, 14.1690,
-8.9910

■ 224.9890, 15.7280,
-9.7120

■ 117.7330, 13.5730,
-9.2030

■ 250.7820, 11.8770,
-11.5070

■ 92.8470, 13.2520,
-8.8920

■ 254.0880, 2.5680,
-2.4880

■ 69.3630, 11.7390,
-9.0050

■ 46.5910, 11.0970,
-8.3830

■ 26.0040, 11.3720,
-7.8600

■ 0.0000, 0.0000,

0.0000

■ 169.8040, 14.8110,
-9.6130

■ 169.8040, 14.8110,
-9.6130

■ 165.9910, 21.4140,
-13.6420

■ 173.6170, 8.2080,
-5.5840

■ 162.7650, 27.7420,
-18.1940

■ 176.8430, 1.8800,
-1.0320

■ 159.0660, 34.0240,
-21.9120

■ 180.5420, -4.4020,
2.6860

■ 155.8400, 40.3520,
-26.4640

■ 183.7680,
-10.7300, 7.2380

■ 152.0270, 46.9550,
-30.4930

■ 187.5810,
-17.3330, 11.2670

■ 148.2140, 53.5580,
-34.5220

■ 191.3940,
-23.9360, 15.2960

■ 144.9880, 59.8860,
-39.0740

■ 193.8220,
-28.0170, 17.6710

■ 142.4460, 64.2880,
-41.7600

■ 195.5830,
-28.8420, 16.1020

■ 196.7570,
-29.3920, 15.0560

Harmonies

Analogous

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



171.5930, 25.9510, -2.2490



169.8040, 14.8110, -9.6130



167.6710, -1.0520, -13.9800

Triad

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



169.8040, 14.8110, -9.6130



165.0370, -36.9530, -7.6170



174.2830, 15.8610, 15.4210

Complementary

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



169.8040, 14.8110, -9.6130



145.1960, -14.8110, 9.6130

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.



173.7310, -0.1400, 13.5560



169.8040, 14.8110, -9.6130



167.7160, -31.3150, 0.3410

Square

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



169.8040, 14.8110, -9.6130



164.0990, -31.4960, -12.9040



171.0000, -17.1950, 8.7650



174.0360, 26.6820, 12.0420

Rectangle

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



169.8040, 14.8110, -9.6130



165.9840, -12.2390, -14.9830



171.0000, -17.1950, 8.7650



173.9450, 11.0010, 15.3930

Sweetspot

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



169.8040, 14.8110, -9.6130



229.0020, 5.6860, -3.9300



149.9430, 22.5100, 10.5580



115.3870, 3.1640, -2.2760



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.



169.8040, 14.8110, -9.6130



219.3070, 23.3400, -15.5080



169.1400, 4.8170, -15.7190



87.3870, 3.1640, -2.2760



122.6440, 55.1630, -36.0770



20.6880, 9.4460, -5.9940

Inverse Universe

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



145.1960, -14.8110, 9.6130



180.2800, -23.6150, 14.9850



145.8600, -4.8170, 15.7190



82.2000, -3.4390, 1.7530



30.3560, -55.1630, 36.0770



5.3120, -9.4460, 5.9940

Previews

White Background



This preview shows how the YIQ color 169.8040, 14.8110, -9.6130 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 169.8040, 14.8110, -9.6130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

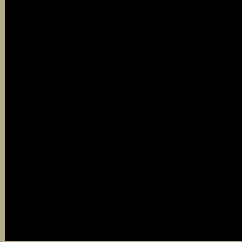
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 169.8040, 14.8110, -9.6130

Background



This preview shows how black text looks on a background with the YIQ color 169.8040, 14.8110, -9.6130.



This preview shows how white text looks on a background with the YIQ color 169.8040, 14.8110, -9.6130.

-9.6130.

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

169.8040, 14.8110, -9.6130

Protanopia

170.2990, 17.7910, -8.5530

Deuteranopia

171.6150, 28.8850, -0.3550



Tritanopia

172.5650, 5.9590, 7.6470

Trichromacy



Original Color

169.8040, 14.8110, -9.6130

Protanomaly

170.0000, 17.1950, -8.7650

Deuteranomaly

170.8700, 23.6130, -3.9310

Tritanomaly

171.4310, 9.0320, 1.5120

Monochromacy



Original Color

169.8040, 14.8110, -9.6130

Achromatopsia

170.0000, -0.0000, 0.0000

Achromatomaly

170.1160, 5.3650, -3.6190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 169.8040, 14.8110, -9.6130 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, 172, 137)` looks like.

```
.text, #text, p{  
    color:rgb(178, 172, 137)  
}
```

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, 172, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 172, 137) }
```

Border

The CSS property to change the border of an element to YIQ 169.8040, 14.8110, -9.6130 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, 172, 137) }
```


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

```
.border{ border-color:rgb(178, 172, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 172, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 172, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 172, 137);  
box-shadow:4px 4px 4px 4px rgb(178, 172,  
137) }
```

Background

The CSS property to change the background color of an element to YIQ 169.8040, 14.8110, -9.6130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 172, 137) }
```

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

```
.background{ background-color: rgb(178,  
172, 137) }
```

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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