

Converting Colors

YIQ(182.8130, 36.9550, -3.4370)

Have a look what the booklet for
YIQ(182.8130, 36.9550, -3.4370)
contains.

YIQ(182.8130, 36.9550, -3.4370)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(182.8130, 36.9550,
-3.4370)**

Conversions

Conversions Part 1

Format	Color
Hex	D8AF88
RGB	216, 175, 136
RGB Percent	85%, 69%, 53%
CMY	0.1529, 0.3138, 0.4665
CMYK	0.00, 0.19, 0.37, 0.15
HSL	29°, 51%, 69%
HSV	29°, 37%, 85%
XYZ	48.0982, 47.0338, 29.8528
YIQ	182.8130, 36.9550, -3.4370

Conversions

Conversions Part 2

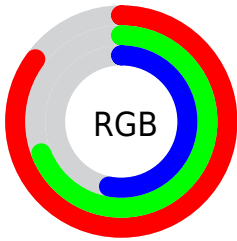
Format	Color
R _Y B	216, 212, 136
Decimal	14200712
CIE Lab	74.21, 9.60, 25.61
CIE LCh	74, 27.349, 69.448
Yxy	47.0338, 0.3848, 0.3763
Android (android.graphics.Color)	4292390792 (0xFFD8AF88)
YUV	182.8130, -23.0788, 29.1050
Hunter-Lab	68.5812, 5.1705, 22.1985

Details

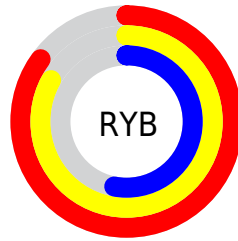
The YIQ color $182.8130, 36.9550, -3.4370$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $169.1870, -36.9550, 3.4370$, and the grayscale version is $183.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $233.5020, 27.4650, -7.6630$, and $129.8450, 33.9290, -3.6630$ is the 20% darker color. If you saturate the color by 10%, you get $173.8480, 47.0420, -4.5260$, and if you desaturate by 10%, it is $191.7780, 26.8680, -2.3480$.

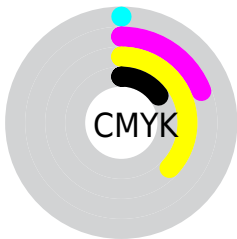
Distribution



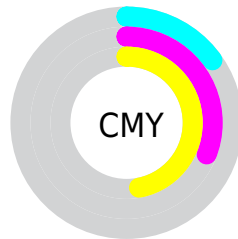
- Red (85%)
- Green (69%)
- Blue (53%)



- Red (85%)
- Yellow (83%)
- Blue (53%)



- Cyan (0%)
- Magenta (19%)
- Yellow (37%)
- Black (15%)





- Cyan (15%)
- Magenta (31%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 182.8130, 36.9550, -3.4370 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 182.8130, 36.9550, -3.4370 by changing the saturation by 10% instead.


 182.8130, 36.9550,
-3.4370


 182.8130, 36.9550,
-3.4370


255.0000, -0.0000,
-0.0000

 155.6280, 36.0380,
-3.3380


 232.9150, 27.7400,
-7.1400


 129.8450, 33.9290,
-3.6630


 250.7820, 11.8770,
-11.5070

 104.3610, 32.4160,
-3.7760

 253.9740, 2.8890,
-2.7990

 79.6920, 29.9860,
-3.7900

 55.9090, 27.8770,
-4.1150

 34.3540, 25.1260,
-3.8180

 13.6770, 17.1470,

3.1230

■ 0.0000, 0.0000,
0.0000

■ 182.8130, 36.9550,
-3.4370

■ 182.8130, 36.9550,
-3.4370

■ 173.8480, 47.0420,
-4.5260

■ 191.7780, 26.8680,
-2.3480

■ 164.9970, 56.8080,
-5.3040

■ 200.6290, 17.1020,
-1.5700

■ 156.0320, 66.8950,
-6.3930

■ 209.5940, 7.0150,
-0.4810

■ 147.1810, 76.6610,
-7.1710

■ 218.4450, -2.7510,
0.2970

■ 138.2160, 86.7480,
-8.2600

■ 227.4100,
-12.8380, 1.3860

■ 128.6640, 97.1100,
-8.8260

■ 235.1210,
-19.3940, -0.9460

■ 126.2190, 99.8610,
-9.1230

■ 242.1650,
-22.6940, -7.2220

■ 243.3390,
-23.2440, -8.2680

Harmonies

Analogous

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



185.0130, 42.6840, 8.3800



182.8130, 36.9550, -3.4370



180.2900, 22.0100, -13.4300

Triad

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



182.8130, 36.9550, -3.4370



171.0860, -47.8170, -19.9850



185.3490, -1.7000, 19.8040

Complementary

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



182.8130, 36.9550, -3.4370



169.1870, -36.9550, 3.4370

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.



182.0190, -27.3740, 11.5220



182.8130, 36.9550, -3.4370



171.0390, -57.6300, -12.8460

Square

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



182.8130, 36.9550, -3.4370



173.8250, -25.2130, -22.1490



175.9080, -49.4710, -1.0150



186.4350, 21.5450, 22.5450

Rectangle

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



182.8130, 36.9550, -3.4370



178.1140, 7.7060, -18.5180



175.9080, -49.4710, -1.0150



184.6900, -10.0900, 17.6700

Sweetspot

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



182.8130, 36.9550, -3.4370



243.5900, 12.8380, -1.3860



164.5940, 34.5190, 29.7110



120.7790, 7.9320, -0.5800



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.



182.8130, 36.9550, -3.4370



208.1860, 51.9020, -4.4980



206.2930, 25.9550, -24.3570



102.8110, 4.9060, -0.8060



99.8500, 79.0910, -7.1570



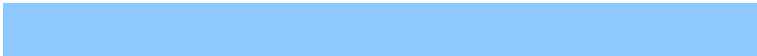
25.1840, 19.8530, -1.8670

Inverse Universe

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



169.1870, -36.9550, 3.4370



189.2270, -51.6270, 5.0210



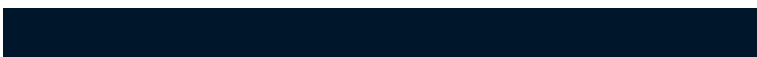
145.7070, -25.9550, 24.3570



100.7760, -5.1810, 0.2830



71.1500, -79.0910, 7.1570



17.8160, -19.8530, 1.8670

Previews

White Background



This preview shows how the YIQ color 182.8130, 36.9550, -3.4370 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 182.8130, 36.9550, -3.4370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

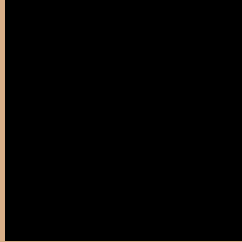
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 182.8130, 36.9550, -3.4370

Background



This preview shows how black text looks on a background with the YIQ color 182.8130, 36.9550, -3.4370.



This preview shows how white text looks on a background with the YIQ color 182.8130, 36.9550,

-3.4370.

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

182.8130, 36.9550, -3.4370

Protanopia

180.9850, 21.5510, -10.6170

Deuteranopia

182.8130, 36.9550, -3.4370



Tritanopia

186.0300, 26.8190, 15.0670

Trichromacy



Original Color

182.8130, 36.9550, -3.4370

Protanomaly

181.5020, 27.4650, -7.6630

Deuteranomaly

182.8130, 36.9550, -3.4370

Tritanomaly

184.6680, 30.5340, 8.3100

Monochromacy



Original Color

182.8130, 36.9550, -3.4370

Achromatopsia

183.0000, -0.0000, -0.0000

Achromatomaly

182.8890, 13.4340, -1.1740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 182.8130, 36.9550, -3.4370 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(216, 175, 136)` looks like.

```
.text, #text, p{  
    color:rgb(216, 175, 136)  
}
```

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(216, 175, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 175, 136) }
```

Border

The CSS property to change the border of an element to YIQ 182.8130, 36.9550, -3.4370 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(216, 175, 136) }
```


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

```
.border{ border-color:rgb(216, 175, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 175, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 175, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 175, 136);  
box-shadow:4px 4px 4px 4px rgb(216, 175,  
136) }
```

Background

The CSS property to change the background color of an element to YIQ 182.8130, 36.9550, -3.4370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 175, 136) }
```

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

```
.background{ background-color: rgb(216,  
175, 136) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor