

# Converting Colors

YIQ(197.9030, 36.0410,  
-19.9190)

Have a look what the booklet for  
YIQ(197.9030, 36.0410, -19.9190)  
contains.

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# Color

**YIQ(197.9030, 36.0410,  
-19.9190)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCC97C
RGB	220, 201, 124
RGB Percent	86%, 79%, 49%
CMY	0.1373, 0.2118, 0.5135
CMYK	0.00, 0.09, 0.44, 0.14
HSL	48°, 58%, 67%
HSV	48°, 44%, 86%
XYZ	54.0411, 58.4415, 27.5180
YIQ	197.9030, 36.0410, -19.9190

# Conversions

## Conversions Part 2

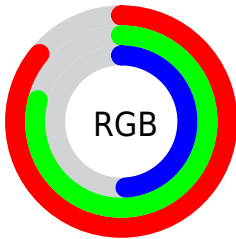
Format	Color
<b>RYB</b>	148, 220, 124
Decimal	14469500
CIELab	80.98, -3.81, 40.76
CIELCh	81, 40.942, 95.343
Yxy	58.4415, 0.3860, 0.4174
Android (android.graphics.Color)	4292659580 (0xFFDCC97C)
YUV	197.9030, -36.4342, 19.3791
Hunter-Lab	76.4471, -7.5992, 32.1708

# Details

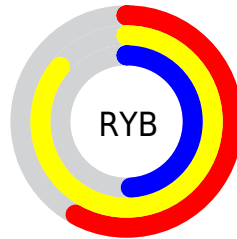
The YIQ color  $197.9030, 36.0410, -19.9190$  is a light color, and the websafe version is hex  $CCCC66$ . A complement of this color would be  $146.0970, -36.0410, 19.9190$ , and the grayscale version is  $198.0000, -0.0000, 0.0000$ .

A 20% lighter version of the original color is  $246.2220, 24.7170, -23.9470$ , and  $143.3480, 33.2900, -19.6220$  is the 20% darker color. If you saturate the color by 10%, you get  $193.0470, 44.2030, -24.6690$ , and if you desaturate by 10%, it is  $202.7590, 27.8790, -15.1690$ .

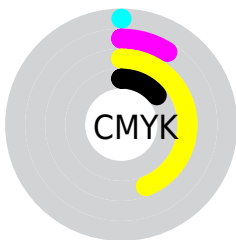
# Distribution



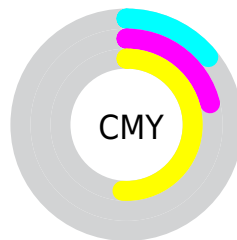
- Red (86%)
- Green (79%)
- Blue (49%)



- Red (58%)
- Yellow (86%)
- Blue (49%)



- Cyan (0%)
- Magenta (9%)
- Yellow (44%)
- Black (14%)



- Cyan (14%)
- Magenta (21%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 197.9030, 36.0410, -19.9190 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 197.9030, 36.0410, -19.9190 by changing the saturation by 10% instead.



■ 197.9030, 36.0410,  
-19.9190

■ 197.9030, 36.0410,  
-19.9190

255.0000, -0.0000,  
-0.0000

■ 170.4190, 34.5280,  
-20.0320

■ 246.2220, 24.7170,  
-23.9470

■ 143.3480, 33.2900,  
-19.6220

■ 249.4140, 15.7290,  
-15.2390

■ 117.8640, 31.7770,  
-19.7350

■ 252.6060, 6.7410,  
-6.5310

■ 92.2660, 30.5850,  
-20.1590

■ 67.6680, 29.3930,  
-20.5830

■ 47.2790, 20.5430,  
-14.3770

■ 27.7760, 12.0140,

-8.4820

■ 3.5220, -1.6500,  
-3.1380

■ 0.0000, 0.0000,  
0.0000

■ 197.9030, 36.0410,  
-19.9190

■ 197.9030, 36.0410,  
-19.9190

■ 193.0470, 44.2030,  
-24.6690

■ 202.7590, 27.8790,  
-15.1690

■ 187.6040, 52.6400,  
-28.8960

■ 208.2020, 19.4420,  
-10.9420

■ 182.7480, 60.8020,  
-33.6460

■ 213.0580, 11.2800,  
-6.1920

■ 177.8920, 68.9640,  
-38.3960

■ 217.9140, 3.1180,  
-1.4420

■ 172.4490, 77.4010,  
-42.6230

■ 223.3570, -5.3190,  
2.7850

■ 169.0920, 82.7200,  
-45.4080

■ 228.0990,  
-13.1600, 7.2240

■ 230.4470,  
-14.2600, 5.1320

■ 233.3820,  
-15.6350, 2.5170

■ 235.7300,  
-16.7350, 0.4250

# Harmonies

## Analogous

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



201.0510, 56.7160, -3.6360



197.9030, 36.0410, -19.9190



193.5830, 4.4070, -30.3210

# Triad

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



197.9030, 36.0410, -19.9190



171.9060, -109.0240, -28.5760



206.2330, 28.4660, 34.7860

# Complementary

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



197.9030, 36.0410, -19.9190



146.0970, -36.0410, 19.9190

# 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.



204.2980, -5.6900, 26.0380



197.9030, 36.0410, -19.9190



182.4950, -85.2770, -12.9010

# Square

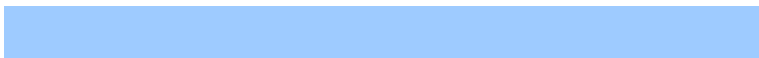
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



197.9030, 36.0410, -19.9190



178.4300, -78.6250, -34.3450



195.4730, -43.5120, 6.6320



198.9660, 42.0390, 25.5830



# Rectangle

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



197.9030, 36.0410, -19.9190



189.7140, -20.9470, -33.3870



195.4730, -43.5120, 6.6320



206.5460, 17.2790, 33.7830

# Sweetspot

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



197.9030, 36.0410, -19.9190



247.1290, 12.5180, -6.6020



154.8700, 51.1170, 26.2610



122.6710, 8.1160, -3.9160



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.



197.9030, 36.0410, -19.9190



224.5760, 49.8430, -27.7650



200.3850, 13.5320, -36.0040



106.9850, 4.3560, -1.8520



133.3200, 64.8830, -36.0210



35.4730, 17.2410, -9.5990



# Inverse Universe

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



146.0970, -36.0410, 19.9190



153.0110, -50.1180, 27.2420



143.6150, -13.5320, 36.0040



101.4280, -4.0810, 2.3750



39.6800, -64.8830, 36.0210



10.5270, -17.2410, 9.5990



# Previews

## White Background



This preview shows how the YIQ color 197.9030, 36.0410, -19.9190 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 197.9030, 36.0410, -19.9190 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

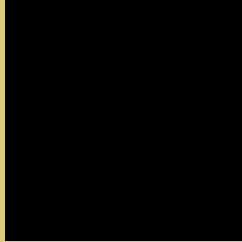
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 197.9030, 36.0410, -19.9190

## Background



This preview shows how black text looks on a background with the YIQ color 197.9030, 36.0410, -19.9190.



This preview shows how white text looks on a background with the YIQ color 197.9030, 36.0410, -19.9190.

-19.9190.

# 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

197.9030, 36.0410, -19.9190

### Protanopia

197.9030, 36.0410, -19.9190

### Deuteranopia

199.7250, 51.5820, -9.7140



## Tritanopia

204.0720, 17.8330, 12.7210

# Trichromacy



## Original Color

197.9030, 36.0410, -19.9190

## Protanomaly

197.9030, 36.0410, -19.9190

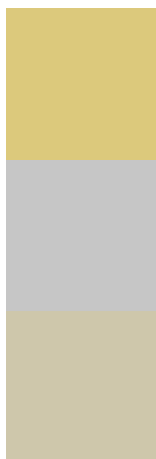
## Deuteranomaly

198.9800, 46.3100, -13.2900

## Tritanomaly

202.1030, 24.5750, 0.6630

# Monochromacy



## Original Color

197.9030, 36.0410, -19.9190

## Achromatopsia

198.0000, -0.0000, 0.0000

## Achromatomaly

197.9010, 13.1600, -7.2240

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 197.9030, 36.0410, -19.9190 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(220, 201, 124)` looks like.

```
.text, #text, p{  
    color:rgb(220, 201, 124)  
}
```

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(220, 201, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 201, 124) }
```

## Border

The CSS property to change the border of an element to YIQ 197.9030, 36.0410, -19.9190 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(220, 201, 124) }
```



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

```
.border{ border-color:rgb(220, 201, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 201, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 201, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 201, 124);  
box-shadow:4px 4px 4px 4px rgb(220, 201,  
124) }
```

# Background

The CSS property to change the background color of an element to YIQ 197.9030, 36.0410, -19.9190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 201, 124) }
```

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

```
.background{ background-color: rgb(220,  
201, 124) }
```

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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