

# Converting Colors

YIQ(131.1950, 38.5150, -9.6850)

Have a look what the booklet for  
YIQ(131.1950, 38.5150, -9.6850)  
contains.

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# Color

**YIQ(131.1950, 38.5150,  
-9.6850)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A27F48
RGB	162, 127, 72
RGB Percent	64%, 50%, 28%
CMY	0.3647, 0.5020, 0.7174
CMYK	0.00, 0.22, 0.56, 0.36
HSL	37°, 38%, 46%
HSV	37°, 56%, 64%
XYZ	23.6616, 23.3261, 9.3947
YIQ	131.1950, 38.5150, -9.6850

# Conversions

## Conversions Part 2

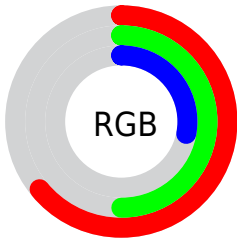
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 162, 72
Decimal	10649416
CIE <sub>Lab</sub>	55.41, 6.75, 34.74
CIE <sub>LCh</sub>	55, 35.388, 79.004
Yxy	23.3261, 0.4197, 0.4137
Android (android.graphics.Color)	4288839496 (0xFFA27F48)
YUV	131.1950, -29.1831, 27.0160
Hunter-Lab	48.2971, 2.9303, 22.2750

# Details

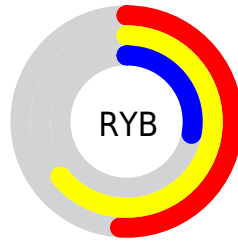
The YIQ color **131.1950, 38.5150, -9.6850** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **102.8050, -38.5150, 9.6850**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **185.0490, 41.8620, -9.7700**, and **80.9280, 34.8930, -10.1230** is the 20% darker color. If you saturate the color by 10%, you get **125.8490, 45.3010, -11.5230**, and if you desaturate by 10%, it is **136.5410, 31.7290, -7.8470**.

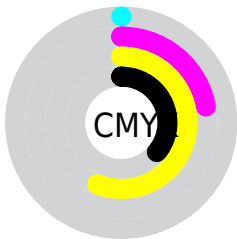
# Distribution



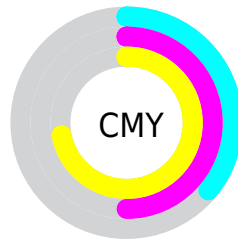
- Red (64%)
- Green (50%)
- Blue (28%)



- Red (51%)
- Yellow (64%)
- Blue (28%)



- Cyan (0%)
- Magenta (22%)
- Yellow (56%)
- Black (36%)




- Cyan (36%)
- Magenta (50%)
- Yellow (72%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 131.1950, 38.5150, -9.6850 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 131.1950, 38.5150, -9.6850 by changing the saturation by 10% instead.





 131.1950, 38.5150,  
-9.6850


 131.1950, 38.5150,  
-9.6850


255.0000, -0.0000,  
-0.0000


 105.4120, 36.4060,  
-10.0100


 185.0490, 41.8620,  
-9.7700


 80.9280, 34.8930,  
-10.1230


 212.5330, 43.3750,  
-9.6570

 56.8030, 33.7470,  
-11.3810


 234.1400, 31.1800,  
-14.4200

 37.0010, 24.6220,  
-5.6980

 249.0720, 16.6920,  
-16.1720

 17.1990, 15.4970,  
-0.0150

 252.2640, 7.7040,  
-7.4640

 0.0000, 0.0000,  
0.0000

■ 131.1950, 38.5150,  
-9.6850

■ 131.1950, 38.5150,  
-9.6850

■ 125.8490, 45.3010,  
-11.5230

■ 136.5410, 31.7290,  
-7.8470

■ 119.9160, 52.3620,  
-12.8380

■ 142.4740, 24.6680,  
-6.5320

■ 114.4560, 59.4690,  
-14.9870

■ 147.9340, 17.5610,  
-4.3830

■ 109.1100, 66.2550,  
-16.8250

■ 153.2800, 10.7750,  
-2.5450

■ 106.5510, 69.3270,  
-17.4330

■ 159.2130, 3.7140,  
-1.2300

■ 164.5590, -3.0720,  
0.6080

■ 169.9050, -9.8580,  
2.4460

■ 175.3650,

-16.9650, 4.5950

■ 181.2980,  
-24.0260, 5.9100

# Harmonies

## Analogous

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



132.8410, 48.9200, 5.4960



131.1950, 38.5150, -9.6850



128.5080, 18.1600, -20.7520

# Triad

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



131.1950, 38.5150, -9.6850



104.7910, -89.7670, -30.6550



136.2410, 7.6520, 26.5320

# Complementary

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



131.1950, 38.5150, -9.6850



102.8050, -38.5150, 9.6850

# 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.



133.0780, -25.8620, 17.1620



131.1950, 38.5150, -9.6850



105.9940, -97.2880, -21.0000

# Square

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



131.1950, 38.5150, -9.6850



116.4030, -47.6320, -28.8480



121.7200, -63.5010, -0.0530



135.8280, 33.7400, 27.3080



# Rectangle

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



131.1950, 38.5150, -9.6850



125.8200, -0.4540, -24.8220



121.7200, -63.5010, -0.0530



135.7990, -2.8470, 24.0730

# Sweetspot

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



131.1950, 38.5150, -9.6850



199.6780, 15.4060, -3.8740



103.0140, 42.0840, 30.2760



99.9100, 8.9410, -2.3470



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000



# Same Dimension

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



131.1950, 38.5150, -9.6850



162.9400, 60.9820, -14.8740



149.0490, 23.5260, -29.8980



78.6260, 3.9890, -0.7070



95.5980, 61.9450, -15.8070



11.8390, 7.7030, -1.9370



# Inverse Universe

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



102.8050, -38.5150, 9.6850



118.4730, -60.7070, 15.3970



84.9510, -23.5260, 29.8980



76.3740, -3.9890, 0.7070



49.9890, -62.2200, 15.2840



6.1610, -7.7030, 1.9370



# Previews

## White Background



This preview shows how the YIQ color 131.1950, 38.5150, -9.6850 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 131.1950, 38.5150, -9.6850 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

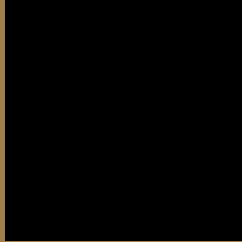
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 131.1950, 38.5150, -9.6850

## Background



This preview shows how black text looks on a background with the YIQ color 131.1950, 38.5150, -9.6850.



This preview shows how white text looks on a background with the YIQ color 131.1950, 38.5150,

-9.6850.

# 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

131.1950, 38.5150, -9.6850

### Protanopia

130.1610, 26.6870, -15.5930

### Deuteranopia

131.4940, 39.1110, -9.4730



## Tritanopia

135.1930, 24.8020, 13.0740

# Trichromacy



## Original Color

131.1950, 38.5150, -9.6850

## Protanomaly

130.6670, 31.1340, -13.5860

## Deuteranomaly

131.4940, 39.1110, -9.4730

## Tritanomaly

133.9620, 29.5260, 4.5500

# Monochromacy



## Original Color

131.1950, 38.5150, -9.6850

## Achromatopsia

131.0000, -0.0000, -0.0000

## Achromatomaly

131.3080, 13.5720, -3.6760

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 131.1950, 38.5150, -9.6850 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(162, 127, 72)` looks like.

```
.text, #text, p{  
    color:rgb(162, 127, 72)  
}
```

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(162, 127, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 127, 72) }
```

## Border

The CSS property to change the border of an element to YIQ 131.1950, 38.5150, -9.6850 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(162, 127, 72) }
```



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

```
.border{ border-color:rgb(162, 127, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 127, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 127, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 127, 72);  
box-shadow:4px 4px 4px 4px rgb(162, 127,  
72) }
```

# Background

The CSS property to change the background color of an element to YIQ 131.1950, 38.5150, -9.6850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 127, 72) }
```

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

```
.background{ background-color: rgb(162,  
127, 72) }
```

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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