

Converting Colors

YIQ(170.6430, 31.6820, -1.4860)

Have a look what the booklet for
YIQ(170.6430, 31.6820, -1.4860)
contains.

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Color

**YIQ(170.6430, 31.6820,
-1.4860)**

Conversions

Conversions Part 1

Format	Color
Hex	C8A385
RGB	200, 163, 133
RGB Percent	78%, 64%, 52%
CMY	0.2156, 0.3608, 0.4783
CMYK	0.00, 0.19, 0.33, 0.22
HSL	27°, 38%, 65%
HSV	27°, 33%, 78%
XYZ	41.1548, 40.1651, 27.7876
YIQ	170.6430, 31.6820, -1.4860

Conversions

Conversions Part 2

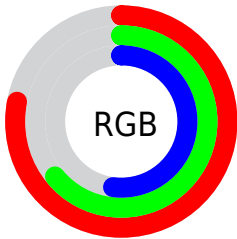
Format	Color
R_{YB}	200, 187, 133
Decimal	13149061
CIE _{Lab}	69.59, 9.36, 20.70
CIE _{LCh}	70, 22.719, 65.680
Yxy	40.1651, 0.3772, 0.3681
Android (android.graphics.Color)	4291339141 (0xFFC8A385)
YUV	170.6430, -18.5580, 25.7461
Hunter-Lab	63.3760, 5.0056, 18.3671

Details

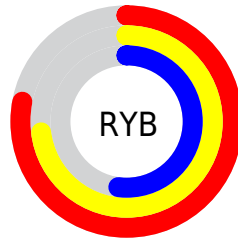
The YIQ color **170.6430, 31.6820, -1.4860** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **162.3570, -31.6820, 1.4860**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.4150, 32.3240, -2.1080**, and **117.9740, 29.2520, -1.5000** is the 20% darker color. If you saturate the color by 10%, you get **161.9060, 41.1270, -1.9530**, and if you desaturate by 10%, it is **179.3800, 22.2370, -1.0190**.

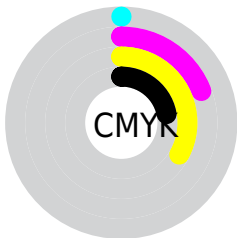
Distribution



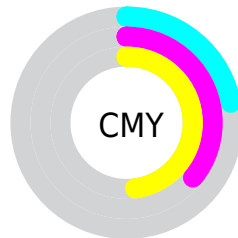
- Red (78%)
- Green (64%)
- Blue (52%)



- Red (78%)
- Yellow (73%)
- Blue (52%)



- Cyan (0%)
- Magenta (19%)
- Yellow (33%)
- Black (22%)





- Cyan (22%)
- Magenta (36%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 170.6430, 31.6820, -1.4860 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 170.6430, 31.6820, -1.4860 by changing the saturation by 10% instead.


 170.6430, 31.6820,
-1.4860


 170.6430, 31.6820,
-1.4860


255.0000, -0.0000,
-0.0000

 144.1590, 30.1690,
-1.5990


 225.4150, 32.3240,
-2.1080


 117.9740, 29.2520,
-1.5000


 245.0430, 15.6360,
-8.0440

 93.1910, 27.1430,
-1.8250

 253.6320, 3.8520,
-3.7320

 69.7070, 25.6300,
-1.9380

 46.9240, 23.5210,
-2.2630

 25.4830, 20.4490,
-1.6550

 5.3820, 10.7280,

3.8160

■ 0.0000, 0.0000,
0.0000

■ 170.6430, 31.6820,
-1.4860

■ 170.6430, 31.6820,
-1.4860

■ 161.9060, 41.1270,
-1.9530

■ 179.3800, 22.2370,
-1.0190

■ 153.1690, 50.5720,
-2.4200

■ 188.1170, 12.7920,
-0.5520

■ 144.4320, 60.0170,
-2.8870

■ 196.8540, 3.3470,
-0.0850

■ 135.6950, 69.4620,
-3.3540

■ 205.5910, -6.0980,
0.3820

■ 126.9580, 78.9070,
-3.8210

■ 214.3280,
-15.5430, 0.8490

■ 118.2210, 88.3520,
-4.2880

■ 223.0650,
-24.9880, 1.3160

■ 112.0430, 94.7250,
-4.1470

■ 229.7500,
-28.6550, -3.8150

■ 236.2070,
-31.6800, -9.5680

■ 238.5550,
-32.7800, -11.6600

Harmonies

Analogous

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



172.0060, 35.3940, 8.3380



170.6430, 31.6820, -1.4860



168.6150, 19.7170, -10.4190

Triad

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



170.6430, 31.6820, -1.4860



161.5390, -35.8510, -16.5790



172.0450, -3.9000, 15.6200

Complementary

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



170.6430, 31.6820, -1.4860



162.3570, -31.6820, 1.4860

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.



168.9930, -24.4850, 8.7230



170.6430, 31.6820, -1.4860



161.7370, -44.9760, -10.8960

Square

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



170.6430, 31.6820, -1.4860



163.3530, -17.8320, -18.2480



164.8720, -40.6220, -1.6940



173.2770, 15.9980, 18.4460

Rectangle

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



170.6430, 31.6820, -1.4860



167.2330, 8.9890, -14.2350



164.8720, -40.6220, -1.6940



171.8700, -10.7770, 13.5990

Sweetspot

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



170.6430, 31.6820, -1.4860



243.9320, 11.8750, -0.4530



157.3650, 27.7340, 26.0220



120.8930, 7.6110, -0.2690



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.



170.6430, 31.6820, -1.4860



210.5000, 48.1420, -2.4340



190.0140, 22.6070, -18.7450



95.0390, 4.2640, -0.1840



91.5880, 77.0730, -3.6230



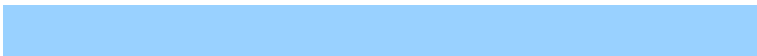
20.1560, 17.0560, -0.7360

Inverse Universe

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



162.3570, -31.6820, 1.4860



197.5000, -48.1420, 2.4340



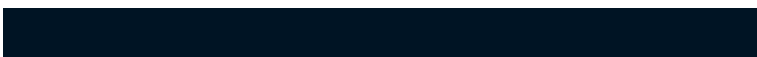
143.5730, -22.8820, 18.2220



93.9610, -4.2640, 0.1840



71.4120, -77.0730, 3.6230



15.8440, -17.0560, 0.7360

Previews

White Background



This preview shows how the YIQ color 170.6430, 31.6820, -1.4860 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 170.6430, 31.6820, -1.4860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

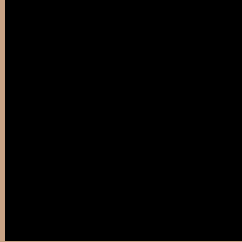
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 170.6430, 31.6820, -1.4860

Background



This preview shows how black text looks on a background with the YIQ color 170.6430, 31.6820, -1.4860.



This preview shows how white text looks on a background with the YIQ color 170.6430, 31.6820, -1.4860.

-1.4860.

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

170.6430, 31.6820, -1.4860

Protanopia

169.4130, 17.4700, -8.2420

Deuteranopia

170.3440, 31.0860, -1.6980



Tritanopia

173.1220, 23.5640, 13.4840

Trichromacy



Original Color

170.6430, 31.6820, -1.4860

Protanomaly

169.6310, 22.7880, -5.5000

Deuteranomaly

170.3440, 31.0860, -1.6980

Tritanomaly

172.5150, 26.5910, 8.1830

Monochromacy



Original Color

170.6430, 31.6820, -1.4860

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

170.9320, 11.8750, -0.4530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.6430, 31.6820, -1.4860 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(200, 163, 133)` looks like.

```
.text, #text, p{  
    color:rgb(200, 163, 133)  
}
```

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(200, 163, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 163, 133) }
```

Border

The CSS property to change the border of an element to YIQ 170.6430, 31.6820, -1.4860 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(200, 163, 133) }
```


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

```
.border{ border-color:rgb(200, 163, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 163, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 163, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 163, 133);  
box-shadow:4px 4px 4px 4px rgb(200, 163,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 170.6430, 31.6820, -1.4860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 163, 133) }
```

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

```
.background{ background-color: rgb(200,  
163, 133) }
```

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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