

Converting Colors

YIQ(163.8460, 14.9930, -1.8950)

Have a look what the booklet for
YIQ(163.8460, 14.9930, -1.8950)
contains.

YIQ(163.8460, 14.9930, -1.8950)	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(163.8460, 14.9930,
-1.8950)**

Conversions

Conversions Part 1

Format	Color
Hex	B1A190
RGB	177, 161, 144
RGB Percent	69%, 63%, 56%
CMY	0.3059, 0.3686, 0.4352
CMYK	0.00, 0.09, 0.19, 0.31
HSL	31°, 17%, 63%
HSV	31°, 19%, 69%
XYZ	35.9122, 36.8495, 31.6129
YIQ	163.8460, 14.9930, -1.8950

Conversions

Conversions Part 2

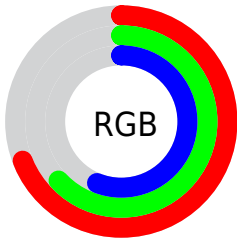
Format	Color
RYB	175, 177, 144
Decimal	11641232
CIELab	67.16, 3.00, 10.95
CIElCh	67, 11.357, 74.663
Yxy	36.8495, 0.3441, 0.3531
Android (android.graphics.Color)	4289831312 (0xFFB1A190)
YUV	163.8460, -9.7841, 11.5361
Hunter-Lab	60.7038, -0.6315, 11.6160

Details

The YIQ color **163.8460, 14.9930, -1.8950** is a light color, and the websafe version is hex **999999**. A complement of this color would be **157.1540, -14.9930, 1.8950**, and the grayscale version is **164.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **219.0310, 15.9100, -1.9940**, and **112.3620, 13.4800, -2.0080** is the 20% darker color. If you saturate the color by 10%, you get **156.5110, 23.2460, -2.7860**, and if you desaturate by 10%, it is **171.1810, 6.7400, -1.0040**.

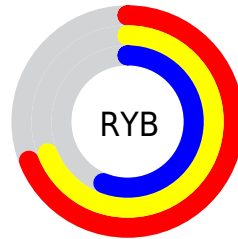
Distribution



Red (69%)

Green (63%)

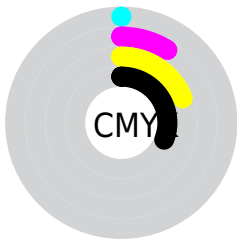
Blue (56%)



Red (69%)

Yellow (69%)

Blue (56%)

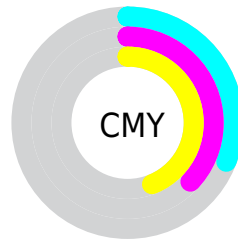


Cyan (0%)

Magenta (9%)

Yellow (19%)

Black (31%)



Cyan (31%)

Magenta (37%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 163.8460, 14.9930, -1.8950 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 163.8460, 14.9930, -1.8950 by changing the saturation by 10% instead.

■ 163.8460, 14.9930,
-1.8950

■ 163.8460, 14.9930,
-1.8950

255.0000, -0.0000,
-0.0000

■ 137.5470, 14.3970,
-2.1070

■ 219.0310, 15.9100,
-1.9940

■ 112.3620, 13.4800,
-2.0080

■ 245.2370, 12.3340,
-3.2660

■ 87.4760, 13.1590,
-1.6970

254.8860, 0.3210,
-0.3110

■ 64.2910, 12.2420,
-1.5980

■ 42.1060, 11.3250,
-1.4990

■ 21.3080, 13.5720,
-3.6760

■ 0.0000, 0.0000,

0.0000

■ 163.8460, 14.9930,
-1.8950

■ 163.8460, 14.9930,
-1.8950

■ 156.5110, 23.2460,
-2.7860

■ 171.1810, 6.7400,
-1.0040

■ 149.8770, 30.9030,
-3.8890

■ 177.8150, -0.9170,
0.0990

■ 142.5420, 39.1560,
-4.7800

■ 185.1500, -9.1700,
0.9900

■ 135.7940, 47.1340,
-6.1940

■ 191.8980,
-17.1480, 2.4040

■ 128.5730, 55.0660,
-6.7740

■ 199.2330,
-25.4010, 3.2950

■ 121.2380, 63.3190,
-7.6650

■ 206.4540,
-33.3330, 3.8750

■ 114.4900, 71.2970,
-9.0790

■ 211.7200,
-37.1380, 1.2460

■ 107.1550, 79.5500,
-9.9700

■ 217.0030,
-39.6130, -3.4610

■ 106.3400, 80.4670,
-10.0690

■ 221.6990,
-41.8130, -7.6450

Harmonies

Analogous

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



164.8620, 18.0640, 3.0240



163.8460, 14.9930, -1.8950



162.6170, 8.2080, -5.5840

Triad

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



163.8460, 14.9930, -1.8950



160.2040, -18.4300, -7.4060



165.0530, 1.6490, 8.6650

Complementary

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



163.8460, 14.9930, -1.8950



157.1540, -14.9930, 1.8950

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.



164.0840, -8.8040, 5.3720



163.8460, 14.9930, -1.8950



160.3550, -20.1730, -3.3490

Square

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



163.8460, 14.9930, -1.8950



160.2710, -11.3690, -8.7210



162.2570, -16.7810, 1.2590



165.5440, 10.4520, 8.8200

Rectangle

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



163.8460, 14.9930, -1.8950



161.7410, 1.9270, -7.3930



162.2570, -16.7810, 1.2590



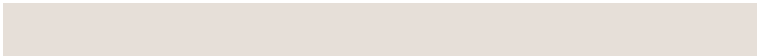
164.6720, -1.6520, 7.9160

Sweetspot

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



163.8460, 14.9930, -1.8950



224.2950, 6.4190, -0.6930



155.8050, 14.2110, 12.2830



111.7400, 3.6680, -0.3960



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



163.8460, 14.9930, -1.8950



209.5110, 23.2460, -2.7860



173.2380, 10.5930, -10.2630



85.6260, 3.9890, -0.7070



92.1200, 69.4630, -8.8810



15.4050, 11.9210, -1.2870

Inverse Universe

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



157.1540, -14.9930, 1.8950



199.4890, -23.2460, 2.7860



147.7620, -10.5930, 10.2630



83.9610, -4.2640, 0.1840



60.8800, -69.4630, 8.8810



10.0080, -11.6460, 1.8100

Previews

White Background



This preview shows how the YIQ color 163.8460, 14.9930, -1.8950 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 163.8460, 14.9930, -1.8950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

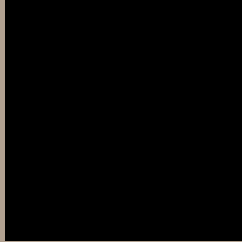
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 163.8460, 14.9930, -1.8950

Background



This preview shows how black text looks on a background with the YIQ color 163.8460, 14.9930, -1.8950.



This preview shows how white text looks on a background with the YIQ color 163.8460, 14.9930,

-1.8950.

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

163.8460, 14.9930, -1.8950

Protanopia

163.3400, 10.5460, -3.9020

Deuteranopia

164.8900, 20.8610, 1.8930



Tritanopia

165.3590, 9.5350, 8.9190

Trichromacy



Original Color

163.8460, 14.9930, -1.8950

Protanomaly

163.3510, 12.0130, -2.9550

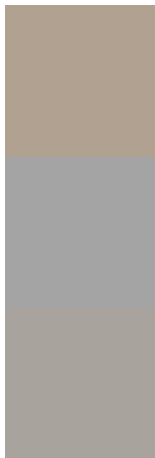
Deuteranomaly

164.5800, 18.7980, 0.7340

Tritanomaly

164.6210, 11.5530, 5.3850

Monochromacy



Original Color

163.8460, 14.9930, -1.8950

Achromatopsia

164.0000, 0.0000, -0.0000

Achromatomaly

164.1100, 5.5020, -0.5940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 163.8460, 14.9930, -1.8950 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(177, 161, 144)` looks like.

```
.text, #text, p{  
    color:rgb(177, 161, 144)  
}
```

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(177, 161, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 161, 144) }
```

Border

The CSS property to change the border of an element to YIQ 163.8460, 14.9930, -1.8950 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(177, 161, 144) }
```


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

```
.border{ border-color:rgb(177, 161, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 161, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 161, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 161, 144);  
box-shadow:4px 4px 4px 4px rgb(177, 161,  
144) }
```

Background

The CSS property to change the background color of an element to YIQ 163.8460, 14.9930, -1.8950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 161, 144) }
```

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

```
.background{ background-color: rgb(177,  
161, 144) }
```

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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