

Converting Colors

YIQ(163.3310, -2.4300, -0.0140)

Have a look what the booklet for
YIQ(163.3310, -2.4300, -0.0140)
contains.

YIQ(163.3310, -2.4300, -0.0140)	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(163.3310, -2.4300,
-0.0140)**

Conversions

Conversions Part 1

Format	Color
Hex	A1A4A6
RGB	161, 164, 166
RGB Percent	63%, 64%, 65%
CMY	0.3686, 0.3568, 0.3490
CMYK	0.03, 0.01, 0.00, 0.35
HSL	204°, 3%, 64%
HSV	204°, 3%, 65%
XYZ	34.8560, 36.8814, 41.3567
YIQ	163.3310, -2.4300, -0.0140

Conversions

Conversions Part 2

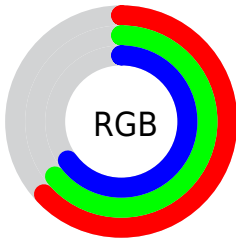
Format	Color
RYB	161, 163, 166
Decimal	10593446
CIELab	67.19, -0.68, -1.41
CIELCh	67, 1.568, 244.362
Yxy	36.8814, 0.3082, 0.3261
Android (android.graphics.Color)	4288783526 (0xFFA1A4A6)
YUV	163.3310, 1.3158, -2.0443
Hunter-Lab	60.7300, -3.8274, 2.1349

Details

The YIQ color **163.3310, -2.4300, -0.0140** is a light color, and the websafe version is hex **999999**. A complement of this color would be **163.6690, 2.4300, 0.0140**, and the grayscale version is **163.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **218.3310, -2.4300, -0.0140**, and **111.6300, -1.8340, 0.1980** is the 20% darker color. If you saturate the color by 10%, you get **154.1390, -10.6370, 0.0430**, and if you desaturate by 10%, it is **172.5230, 5.7770, -0.0710**.

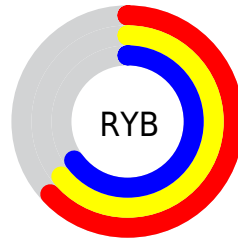
Distribution



Red (63%)

Green (64%)

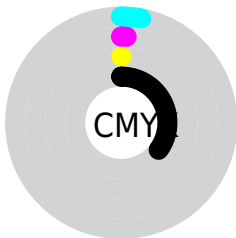
Blue (65%)



Red (63%)

Yellow (64%)

Blue (65%)

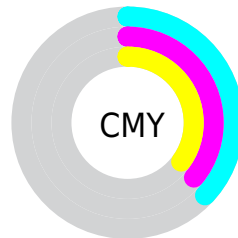


Cyan (3%)

Magenta (1%)

Yellow (0%)

Black (35%)



Cyan (37%)

Magenta (36%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 163.3310, -2.4300, -0.0140 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 163.3310, -2.4300, -0.0140 by changing the saturation by 10% instead.

■ 163.3310, -2.4300,
-0.0140

■ 163.3310, -2.4300,
-0.0140

■ 255.0000, -0.0000,
-0.0000

■ 137.3310, -2.4300,
-0.0140

■ 218.3310, -2.4300,
-0.0140

■ 111.6300, -1.8340,
0.1980

■ 246.4450, -2.7510,
0.2970

■ 87.3310, -2.4300,
-0.0140

■ 64.2170, -2.1090,
-0.3250

■ 42.2170, -2.1090,
-0.3250

■ 21.6300, -1.8340,
0.1980

■ 0.0000, 0.0000,

0.0000

■ 163.3310, -2.4300,
-0.0140

■ 163.3310, -2.4300,
-0.0140

■ 154.1390,
-10.6370, 0.0430

■ 172.5230, 5.7770,
-0.0710

■ 145.8330,
-18.5230, -0.2110

■ 180.8290, 13.6630,
0.1830

■ 136.6410,
-26.7300, -0.1540

■ 190.0210, 21.8700,
0.1260

■ 128.3350,
-34.6160, -0.4080

■ 198.3270, 29.7560,
0.3800

■ 119.1430,
-42.8230, -0.3510

■ 207.5190, 37.9630,
0.3230

■ 109.9510,
-51.0300, -0.2940

■ 214.9170, 42.5940,
-1.0060

■ 101.6450,
-58.9160, -0.5480

■ 218.4390, 40.9440,
-4.1440

■ 92.4530, -67.1230,
-0.4910

■ 222.5480, 39.0190,
-7.8050

■ 83.5600, -74.7340,
-0.2220

■ 226.6570, 37.0940,
-11.4660

Harmonies

Analogous

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



162.9180, -2.7050, -0.5370



163.3310, -2.4300, -0.0140



163.6300, -1.8340, 0.1980

Triad

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



163.3310, -2.4300, -0.0140



164.1960, 2.3840, 0.8480



163.3590, 0.3670, -1.1450

Complementary

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



163.3310, -2.4300, -0.0140



163.6690, 2.4300, 0.0140

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.



163.3700, 1.8340, -0.1980



163.3310, -2.4300, -0.0140



164.0820, 2.7050, 0.5370

Square

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



163.3310, -2.4300, -0.0140



164.1250, 1.1460, 1.2580



163.6690, 2.4300, 0.0140



162.8750, -1.1460, -1.2580

Rectangle

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



163.3310, -2.4300, -0.0140



163.6410, -0.3670, 1.1450



163.6690, 2.4300, 0.0140



163.3590, 0.3670, -1.1450

Sweetspot

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



163.3310, -2.4300, -0.0140



215.8150, -0.9170, 0.0990



164.1630, -2.0170, -1.9930



109.1140, -0.3210, 0.3110



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



163.3310, -2.4300, -0.0140



211.9610, -4.2640, 0.1840



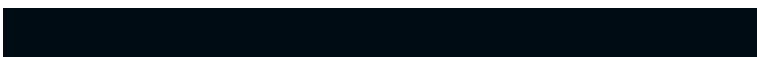
162.1570, -1.8800, 1.0320



81.6300, -1.8340, 0.1980



69.1150, -71.9830, -0.5190



9.3240, -9.7200, -0.0560

Inverse Universe

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



162.8370, 2.0170, 1.9930



211.2610, 3.7590, 3.4630



164.8430, 1.8800, -1.0320



81.4240, 1.7420, 1.4700



54.3980, 59.6390, 59.0550



7.3480, 8.0680, 7.9720

Previews

White Background



This preview shows how the YIQ color 163.3310, -2.4300, -0.0140 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 163.3310, -2.4300, -0.0140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

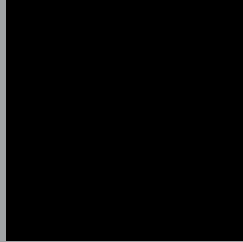
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

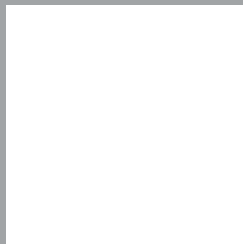
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 163.3310, -2.4300, -0.0140

Background



This preview shows how black text looks on a background with the YIQ color 163.3310, -2.4300, -0.0140.



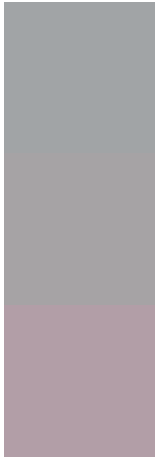
This preview shows how white text looks on a background with the YIQ color 163.3310, -2.4300, -0.0140.

-0.0140.

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

163.3310, -2.4300, -0.0140

Protanopia

164.1250, 1.1460, 1.2580

Deuteranopia

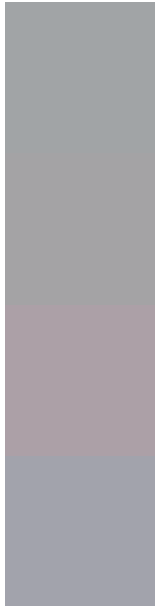
165.0060, 9.0310, 7.0390



Tritanopia

164.0690, -4.4480, 3.5200

Trichromacy



Original Color

163.3310, -2.4300, -0.0140

Protanomaly

163.5270, -0.0460, 0.8340

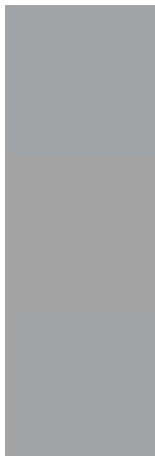
Deuteranomaly

164.3860, 4.9050, 4.7210

Tritanomaly

163.7270, -3.4850, 2.5870

Monochromacy



Original Color

163.3310, -2.4300, -0.0140

Achromatopsia

163.0000, -0.0000, -0.0000

Achromatomaly

162.8150, -0.9170, 0.0990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 163.3310, -2.4300, -0.0140 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(161, 164, 166)` looks like.

```
.text, #text, p{  
    color:rgb(161, 164, 166)  
}
```

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(161, 164, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 164, 166) }
```

Border

The CSS property to change the border of an element to YIQ 163.3310, -2.4300, -0.0140 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(161, 164, 166) }
```


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

```
.border{ border-color:rgb(161, 164, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 164, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 164, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 164, 166);  
box-shadow:4px 4px 4px 4px rgb(161, 164,  
166) }
```

Background

The CSS property to change the background color of an element to YIQ 163.3310, -2.4300, -0.0140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 164, 166) }
```

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

```
.background{ background-color: rgb(161,  
164, 166) }
```

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