

Converting Colors

YIQ(163.1860, -0.8240, -7.0960)

Have a look what the booklet for
YIQ(163.1860, -0.8240, -7.0960)
contains.

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Color

**YIQ(163.1860, -0.8240,
-7.0960)**

Conversions

Conversions Part 1

Format	Color
Hex	9EA898
RGB	158, 168, 152
RGB Percent	62%, 66%, 60%
CMY	0.3804, 0.3411, 0.4039
CMYK	0.06, 0.00, 0.10, 0.34
HSL	98°, 8%, 63%
HSV	98°, 10%, 66%
XYZ	33.7699, 37.5421, 35.1732
YIQ	163.1860, -0.8240, -7.0960

Conversions

Conversions Part 2

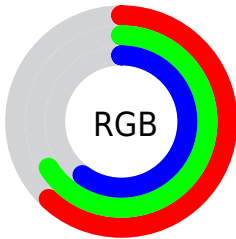
Format	Color
RYB	152, 168, 162
Decimal	10397848
CIELab	67.68, -6.56, 7.05
CIELCh	68, 9.632, 132.956
Yxy	37.5421, 0.3171, 0.3526
Android (android.graphics.Color)	4288587928 (0xFF9EA898)
YUV	163.1860, -5.5147, -4.5481
Hunter-Lab	61.2716, -8.8448, 8.8544

Details

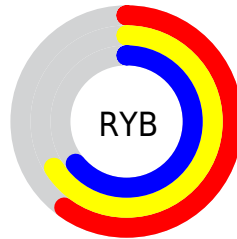
The YIQ color $163.1860, -0.8240, -7.0960$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $156.8140, 0.8240, 7.0960$, and the grayscale version is $163.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $218.0720, -0.5030, -7.4070$, and $111.5990, -0.5490, -6.5730$ is the 20% darker color. If you saturate the color by 10%, you get $157.9590, -1.9230, -14.7150$, and if you desaturate by 10%, it is $168.4130, 0.2750, 0.5230$.

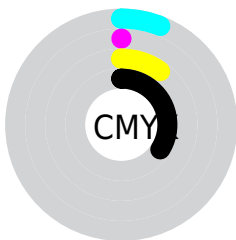
Distribution



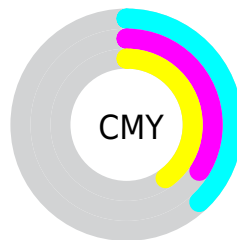
- Red (62%)
- Green (66%)
- Blue (60%)



- Red (60%)
- Yellow (66%)
- Blue (64%)



- Cyan (6%)
- Magenta (0%)
- Yellow (10%)
- Black (34%)



- Cyan (38%)
- Magenta (34%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 163.1860, -0.8240, -7.0960 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 163.1860, -0.8240, -7.0960 by changing the saturation by 10% instead.

■ 163.1860, -0.8240,
-7.0960

■ 163.1860, -0.8240,
-7.0960

■ 255.0000, -0.0000,
-0.0000

■ 137.1860, -0.8240,
-7.0960

■ 218.0720, -0.5030,
-7.4070

■ 111.5990, -0.5490,
-6.5730

■ 246.6590, -0.7780,
-7.9300

■ 86.7130, -0.8700,
-6.2620

■ 63.7130, -0.8700,
-6.2620

■ 42.1260, -0.5950,
-5.7390

■ 21.0120, -0.2740,
-6.0500

■ 0.0000, 0.0000,

0.0000

■ 163.1860, -0.8240,
-7.0960

■ 163.1860, -0.8240,
-7.0960

■ 157.9590, -1.9230,
-14.7150

■ 168.4130, 0.2750,
0.5230

■ 153.0310, -2.4260,
-22.1220

■ 173.3410, 0.7780,
7.9300

■ 147.9180, -3.8460,
-29.4300

■ 178.4540, 2.1980,
15.2380

■ 142.9900, -4.3490,
-36.8370

■ 183.3820, 2.7010,
22.6450

■ 137.7630, -5.4480,
-44.4560

■ 188.6090, 3.8000,
30.2640

■ 132.8350, -5.9510,
-51.8630

■ 193.5370, 4.3030,
37.6710

■ 127.6080, -7.0500,
-59.4820

■ 197.0540, 10.2170,
40.6250

■ 122.7940, -7.8740,
-66.5780

■ 200.0440, 16.1770,
42.7450

■ 117.5670, -8.9730,
-74.1970

■ 203.3330, 22.7330,
45.0770

Harmonies

Analogous

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



163.9590, 7.2450, -4.6510



163.1860, -0.8240, -7.0960



162.4670, -8.9850, -7.8730

Triad

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



163.1860, -0.8240, -7.0960



163.5130, -14.6260, 0.7500



166.7030, 14.2580, 5.9220

Complementary

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



163.1860, -0.8240, -7.0960



156.8140, 0.8240, 7.0960

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.



167.1200, 8.7100, 7.3500



163.1860, -0.8240, -7.0960



164.8560, -8.1620, 4.7500

Square

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



163.1860, -0.8240, -7.0960



162.3230, -17.1470, -3.1230



165.9280, 0.5030, 7.4070



166.0790, 15.9550, 2.6990

Rectangle

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



163.1860, -0.8240, -7.0960



161.9550, -13.2950, -6.8550



165.9280, 0.5030, 7.4070



166.7460, 12.6990, 6.6430

Sweetspot

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



163.1860, -0.8240, -7.0960



217.1200, -0.4580, -2.7140



162.6540, 6.7860, -1.8380



108.5330, -0.1830, -2.1910



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.



163.1860, -0.8240, -7.0960



211.7790, -1.2360, -10.6440



161.6200, -5.0420, -7.7460



81.5930, -0.4120, -3.5480



103.3210, -7.9200, -65.7440



14.1320, -0.7320, -8.7640

Inverse Universe

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



156.8140, 0.8240, 7.0960



202.2210, 1.2360, 10.6440



158.3800, 5.0420, 7.7460



78.4070, 0.4120, 3.5480



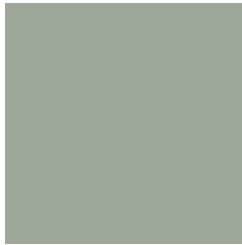
44.6790, 7.9200, 65.7440



6.1670, 1.3280, 8.9760

Previews

White Background



This preview shows how the YIQ color 163.1860, -0.8240, -7.0960 looks on a white background.

Color Contrast Check

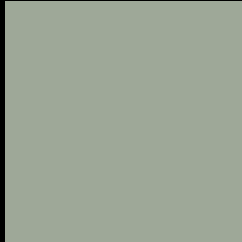
Large Text (above 18pt) WCAG AA × Fail

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 163.1860, -0.8240, -7.0960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

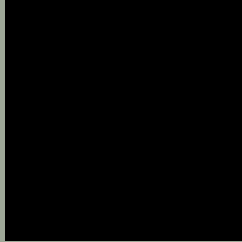
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 163.1860, -0.8240, -7.0960

Background



This preview shows how black text looks on a background with the YIQ color 163.1860, -0.8240, -7.0960.



This preview shows how white text looks on a background with the YIQ color 163.1860, -0.8240,

-7.0960.

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

163.1860, -0.8240, -7.0960

Protanopia

164.4970, 8.6660, -2.8700

Deuteranopia

166.2040, 17.1010, 3.9570



Tritanopia

164.8840, -5.3650, 3.6190

Trichromacy



Original Color

163.1860, -0.8240, -7.0960

Protanomaly

163.7030, 5.0900, -4.1420

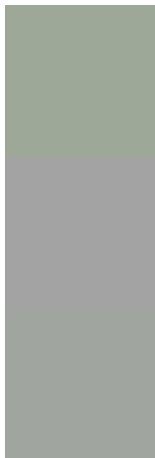
Deuteranomaly

164.8610, 10.6370, -0.0430

Tritanomaly

164.1460, -3.3470, 0.0850

Monochromacy



Original Color

163.1860, -0.8240, -7.0960

Achromatopsia

163.0000, -0.0000, -0.0000

Achromatomaly

163.1200, -0.4580, -2.7140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 163.1860, -0.8240, -7.0960 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(158, 168, 152)` looks like.

```
.text, #text, p{  
    color:rgb(158, 168, 152)  
}
```

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(158, 168, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 168, 152) }
```

Border

The CSS property to change the border of an element to YIQ 163.1860, -0.8240, -7.0960 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(158, 168, 152) }
```


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

```
.border{ border-color:rgb(158, 168, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 168, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 168, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 168, 152);  
box-shadow:4px 4px 4px 4px rgb(158, 168,  
152) }
```

Background

The CSS property to change the background color of an element to YIQ 163.1860, -0.8240, -7.0960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 168, 152) }
```

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

```
.background{ background-color: rgb(158,  
168, 152) }
```

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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