

Converting Colors

YIQ(163.6480, 6.9230, 1.1870)

Have a look what the booklet for
YIQ(163.6480, 6.9230, 1.1870)
contains.

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Color

**YIQ(163.6480, 6.9230,
1.1870)**

Conversions

Conversions Part 1

Format	Color
Hex	ABA19E
RGB	171, 161, 158
RGB Percent	67%, 63%, 62%
CMY	0.3294, 0.3686, 0.3804
CMYK	0.00, 0.06, 0.08, 0.33
HSL	14°, 7%, 65%
HSV	14°, 8%, 67%
XYZ	35.7121, 36.6157, 37.5365
YIQ	163.6480, 6.9230, 1.1870

Conversions

Conversions Part 2

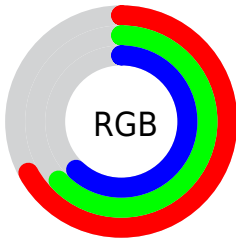
Format	Color
RYB	171, 162, 158
Decimal	11248030
CIELab	66.99, 3.09, 2.85
CIELCh	67, 4.201, 42.634
Yxy	36.6157, 0.3251, 0.3333
Android (android.graphics.Color)	4289438110 (0xFFABA19E)
YUV	163.6480, -2.7845, 6.4477
Hunter-Lab	60.5109, -0.5475, 5.5785

Details

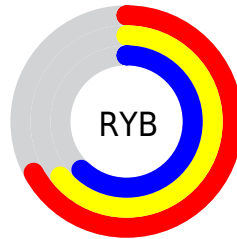
The YIQ color $163.6480, 6.9230, 1.1870$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $165.3520, -6.9230, -1.1870$, and the grayscale version is $164.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $218.6480, 6.9230, 1.1870$, and $112.3490, 6.3270, 0.9750$ is the 20% darker color. If you saturate the color by 10%, you get $154.0790, 15.9550, 2.6990$, and if you desaturate by 10%, it is $173.2170, -2.1090, -0.3250$.

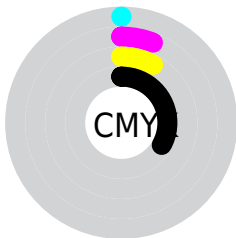
Distribution



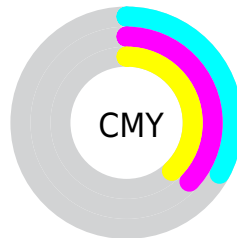
- Red (67%)
- Green (63%)
- Blue (62%)



- Red (67%)
- Yellow (64%)
- Blue (62%)



- Cyan (0%)
- Magenta (6%)
- Yellow (8%)
- Black (33%)



- Cyan (33%)
- Magenta (37%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 163.6480, 6.9230, 1.1870 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 163.6480, 6.9230, 1.1870 by changing the saturation by 10% instead.

■ 163.6480, 6.9230,
1.1870

■ 163.6480, 6.9230,
1.1870

255.0000, -0.0000,
-0.0000

■ 137.3490, 6.3270,
0.9750

■ 218.6480, 6.9230,
1.1870

■ 112.3490, 6.3270,
0.9750

■ 246.9470, 7.5190,
1.3990

■ 87.4630, 6.0060,
1.2860

■ 64.1640, 5.4100,
1.0740

■ 42.1640, 5.4100,
1.0740

■ 21.7510, 5.1350,
0.5510

■ 0.0000, 0.0000,

0.0000

■ 163.6480, 6.9230,
1.1870

■ 163.6480, 6.9230,
1.1870

■ 154.0790, 15.9550,
2.6990

■ 173.2170, -2.1090,
-0.3250

■ 144.5100, 24.9870,
4.2110

■ 182.7860,
-11.1410, -1.8370

■ 134.9410, 34.0190,
5.7230

■ 192.3550,
-20.1730, -3.3490

■ 124.7850, 43.3260,
7.7580

■ 202.5110,
-29.4800, -5.3840

■ 115.2160, 52.3580,
9.2700

■ 212.1940,
-38.8330, -6.5850

■ 105.5330, 61.7110,
10.4710

■ 221.0790,
-45.9390, -9.9630

■ 95.9640, 70.7430,
11.9830

■ 228.7100,
-49.5140, -16.7620

■ 86.3950, 79.7750,
13.4950

■ 229.8840,
-50.0640, -17.8080

■ 76.8260, 88.8070,
15.0070

Harmonies

Analogous

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



163.9900, 5.9600, 2.1200



163.6480, 6.9230, 1.1870



163.4090, 6.0980, -0.3820

Triad

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



163.6480, 6.9230, 1.1870



161.8530, -4.0800, -3.1520



163.2000, -3.4390, 1.7530

Complementary

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



163.6480, 6.9230, 1.1870



165.3520, -6.9230, -1.1870

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.



162.5910, -6.0980, 0.3820



163.6480, 6.9230, 1.1870



161.5970, -6.2350, -2.6430

Square

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



163.6480, 6.9230, 1.1870



162.0060, -0.1370, -3.0250



162.0530, -7.5190, -1.3990



163.9940, 0.1370, 3.0250

Rectangle

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



163.6480, 6.9230, 1.1870



162.9850, 4.3560, -1.8520



162.0530, -7.5190, -1.3990



162.9010, -4.0350, 1.5410

Sweetspot

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



163.6480, 6.9230, 1.1870



219.0820, 2.7050, 0.5370



163.0270, 4.5380, 5.8660



110.5980, 1.1920, 0.4240



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



163.6480, 6.9230, 1.1870



210.3280, 10.8200, 2.1480



167.1700, 5.2730, -1.9510



81.8650, 4.8140, 0.8620



65.3950, 79.7750, 13.4950



9.8120, 12.3330, 2.2610

Inverse Universe

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



165.3520, -6.9230, -1.1870



213.0850, -10.5450, -1.6250



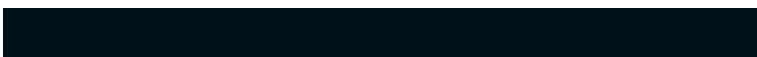
161.8300, -5.2730, 1.9510



83.1350, -4.8140, -0.8620



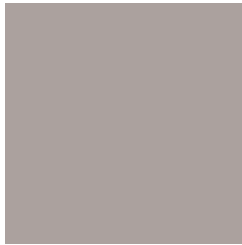
85.1920, -80.0500, -14.0180



13.1880, -12.3330, -2.2610

Previews

White Background



This preview shows how the YIQ color 163.6480, 6.9230, 1.1870 looks on a white background.

Color Contrast Check

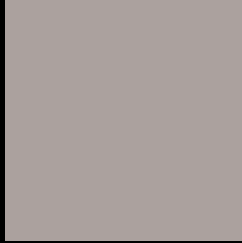
Large Text (above 18pt) WCAG AA × Fail

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 163.6480, 6.9230, 1.1870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

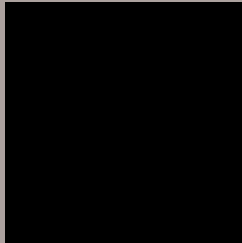
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 163.6480, 6.9230, 1.1870

Background



This preview shows how black text looks on a background with the YIQ color 163.6480, 6.9230, 1.1870.



This preview shows how white text looks on a background with the YIQ color 163.6480, 6.9230,

1.1870.

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

163.6480, 6.9230, 1.1870

Protanopia

163.1530, 3.9430, 0.1270

Deuteranopia

164.6920, 12.7910, 4.9750



Tritanopia

164.5540, 4.4920, 6.7000

Trichromacy



Original Color

163.6480, 6.9230, 1.1870

Protanomaly

163.4520, 4.5390, 0.3390

Deuteranomaly

164.3820, 10.7280, 3.8160

Tritanomaly

164.2720, 5.2260, 4.4100

Monochromacy



Original Color

163.6480, 6.9230, 1.1870

Achromatopsia

164.0000, 0.0000, -0.0000

Achromatomaly

164.0820, 2.7050, 0.5370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 163.6480, 6.9230, 1.1870 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(171, 161, 158)` looks like.

```
.text, #text, p{  
    color:rgb(171, 161, 158)  
}
```

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(171, 161, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 161, 158) }
```

Border

The CSS property to change the border of an element to YIQ 163.6480, 6.9230, 1.1870 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(171, 161, 158) }
```


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

```
.border{ border-color:rgb(171, 161, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 161, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 161, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 161, 158);  
box-shadow:4px 4px 4px 4px rgb(171, 161,  
158) }
```

Background

The CSS property to change the background color of an element to YIQ 163.6480, 6.9230, 1.1870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 161, 158) }
```

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

```
.background{ background-color: rgb(171,  
161, 158) }
```

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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