

Converting Colors

YIQ(161.3830, 0.9600, 15.6480)

Have a look what the booklet for
YIQ(161.3830, 0.9600, 15.6480)
contains.

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Color

**YIQ(161.3830, 0.9600,
15.6480)**

Conversions

Conversions Part 1

Format	Color
Hex	AC97BB
RGB	172, 151, 187
RGB Percent	67%, 59%, 73%
CMY	0.3254, 0.4079, 0.2667
CMYK	0.08, 0.19, 0.00, 0.27
HSL	275°, 21%, 66%
HSV	275°, 19%, 73%
XYZ	37.0515, 34.4907, 51.7148
YIQ	161.3830, 0.9600, 15.6480

Conversions

Conversions Part 2

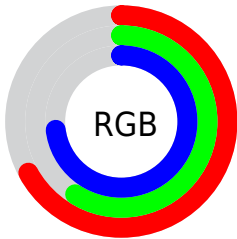
Format	Color
RYB	172, 151, 187
Decimal	11311035
CIELab	65.35, 14.60, -15.79
CIELCh	65, 21.505, 312.774
Yxy	34.4907, 0.3006, 0.2798
Android (android.graphics.Color)	4289501115 (0xFFAC97BB)
YUV	161.3830, 12.6292, 9.3111
Hunter-Lab	58.7288, 9.8386, -11.0988

Details

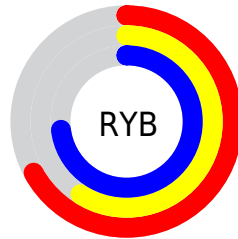
The YIQ color $161.3830, 0.9600, 15.6480$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $176.6170, -0.9600, -15.6480$, and the grayscale version is $161.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $216.2090, 1.5100, 16.6940$, and $109.5570, 0.4100, 14.6020$ is the 20% darker color. If you saturate the color by 10%, you get $147.8380, 1.4170, 23.8890$, and if you desaturate by 10%, it is $174.9280, 0.5030, 7.4070$.

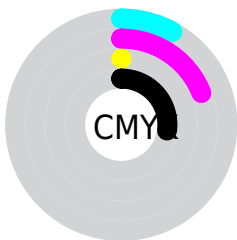
Distribution



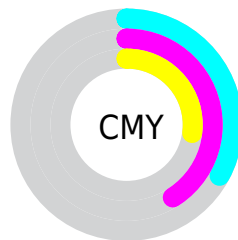
- Red (67%)
- Green (59%)
- Blue (73%)



- Red (67%)
- Yellow (59%)
- Blue (73%)



- Cyan (8%)
- Magenta (19%)
- Yellow (0%)
- Black (27%)



- Cyan (33%)
- Magenta (41%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 161.3830, 0.9600, 15.6480 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 161.3830, 0.9600, 15.6480 by changing the saturation by 10% instead.

■ 161.3830, 0.9600,
15.6480

■ 161.3830, 0.9600,
15.6480

255.0000, -0.0000,
-0.0000

■ 134.9700, 0.6850,
15.1250

■ 216.2090, 1.5100,
16.6940

■ 109.5570, 0.4100,
14.6020

■ 242.0860, 6.0500,
11.5060

■ 85.3290, 1.0520,
13.9800

■ 61.9160, 0.7770,
13.4570

■ 40.0900, 0.2270,
12.4110

■ 18.3890, 0.8230,
12.6230

■ 2.5250, -5.7320,

4.7640

0.0000, 0.0000,
0.0000

161.3830, 0.9600,
15.6480

161.3830, 0.9600,
15.6480

147.8380, 1.4170,
23.8890

174.9280, 0.5030,
7.4070

134.8800, 1.5990,
31.6070

187.8860, 0.3210,
-0.3110

121.6340, 2.6520,
40.0600

201.1320, -0.7320,
-8.7640

108.0890, 3.1090,
48.3010

214.6770, -1.1890,
-17.0050

94.5440, 3.5660,
56.5420

227.6350, -1.3710,
-24.7230

■ 81.5860, 3.7480,
64.2600

■ 236.4840, 0.3720,
-28.7800

■ 68.3400, 4.8010,
72.7130

■ 238.5770, 4.5440,
-27.2960

■ 54.7950, 5.2580,
80.9540

■ 240.9690, 9.3120,
-25.6000

■ 53.9090, 4.9370,
81.2650

■ 243.3610, 14.0800,
-23.9040

Harmonies

Analogous

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



159.0430, -18.7540, 9.4860



161.3830, 0.9600, 15.6480



162.0060, 18.1990, 17.1030

Triad

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



161.3830, 0.9600, 15.6480



159.0230, 27.5560, -3.8040



150.7070, -36.2640, -14.6000

Complementary

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



161.3830, 0.9600, 15.6480



176.6170, -0.9600, -15.6480

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.



152.4390, -20.9500, -16.8060



161.3830, 0.9600, 15.6480



157.0490, 15.4990, -11.0690

Square

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



161.3830, 0.9600, 15.6480



160.3430, 32.8270, 5.2990



154.4320, -1.8770, -15.5490



151.2860, -42.0880, -8.1680

Rectangle

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



161.3830, 0.9600, 15.6480



162.0300, 26.8190, 15.0670



154.4320, -1.8770, -15.5490



150.9200, -32.5500, -15.8300

Sweetspot

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



161.3830, 0.9600, 15.6480



231.9880, 0.2740, 6.0500



163.9090, -15.6810, 3.3510



116.4070, 0.4120, 3.5480



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



161.3830, 0.9600, 15.6480



202.8380, 1.4170, 23.8890



165.5260, 10.8630, 17.8950



87.5210, 0.0910, 3.8590



45.5200, 4.1140, 68.6420



8.9160, 0.7770, 13.4570

Inverse Universe

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



163.4740, 16.6410, 12.2970



206.0670, 25.3970, 18.8130



172.4740, -10.8630, -17.8950



88.1470, 4.0800, 3.1520



54.7660, 72.9820, 54.0220



10.7510, 14.3030, 10.6150

Previews

White Background



This preview shows how the YIQ color 161.3830, 0.9600, 15.6480 looks on a white background.

Color Contrast Check

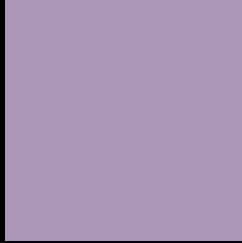
Large Text (above 18pt) WCAG AA × Fail

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 161.3830, 0.9600, 15.6480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

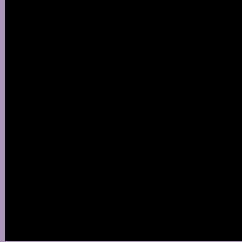
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 161.3830, 0.9600, 15.6480

Background



This preview shows how black text looks on a background with the YIQ color 161.3830, 0.9600, 15.6480.



This preview shows how white text looks on a background with the YIQ color 161.3830, 0.9600,

15.6480.

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

161.3830, 0.9600, 15.6480

Protanopia

159.0820, -14.4900, 9.3020

Deuteranopia

160.3280, -6.3750, 10.9130



Tritanopia

160.5540, 4.4920, 6.7000

Trichromacy



Original Color

161.3830, 0.9600, 15.6480

Protanomaly

160.1860, -8.8510, 11.7330

Deuteranomaly

160.9370, -3.7160, 12.2840

Tritanomaly

161.0640, 3.1160, 9.6120

Monochromacy



Original Color

161.3830, 0.9600, 15.6480

Achromatopsia

161.0000, -0.0000, -0.0000

Achromatomaly

160.8740, 0.5950, 5.7390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 161.3830, 0.9600, 15.6480 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(172, 151, 187)` looks like.

```
.text, #text, p{  
    color:rgb(172, 151, 187)  
}
```

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(172, 151, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 151, 187) }
```

Border

The CSS property to change the border of an element to YIQ 161.3830, 0.9600, 15.6480 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(172, 151, 187) }
```


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

```
.border{ border-color:rgb(172, 151, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 151, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 151, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 151, 187);  
box-shadow:4px 4px 4px 4px rgb(172, 151,  
187) }
```

Background

The CSS property to change the background color of an element to YIQ 161.3830, 0.9600, 15.6480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 151, 187) }
```

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

```
.background{ background-color: rgb(172,  
151, 187) }
```

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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