

Converting Colors

YIQ(164.3830, 0.9600, 15.6480)

Have a look what the booklet for
YIQ(164.3830, 0.9600, 15.6480)
contains.

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Color

**YIQ(164.3830, 0.9600,
15.6480)**

Conversions

Conversions Part 1

Format	Color
Hex	AF9ABE
RGB	175, 154, 190
RGB Percent	69%, 60%, 75%
CMY	0.3136, 0.3961, 0.2549
CMYK	0.08, 0.19, 0.00, 0.25
HSL	275°, 22%, 67%
HSV	275°, 19%, 75%
XYZ	38.5311, 35.9419, 53.6183
YIQ	164.3830, 0.9600, 15.6480

Conversions

Conversions Part 2

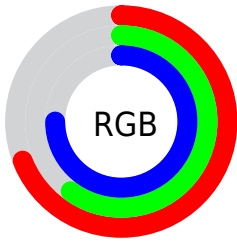
Format	Color
RYB	175, 154, 190
Decimal	11508414
CIELab	66.48, 14.55, -15.74
CIELCh	66, 21.434, 312.761
Yxy	35.9419, 0.3008, 0.2806
Android (android.graphics.Color)	4289698494 (0xFFAF9ABE)
YUV	164.3830, 12.6292, 9.3111
Hunter-Lab	59.9515, 9.8075, -11.0606

Details

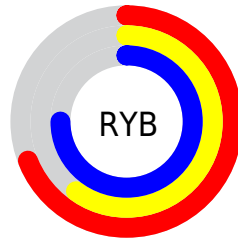
The YIQ color $164.3830, 0.9600, 15.6480$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $179.6170, -0.9600, -15.6480$, and the grayscale version is $164.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $219.2090, 1.5100, 16.6940$, and $112.5570, 0.4100, 14.6020$ is the 20% darker color. If you saturate the color by 10%, you get $150.8380, 1.4170, 23.8890$, and if you desaturate by 10%, it is $177.9280, 0.5030, 7.4070$.

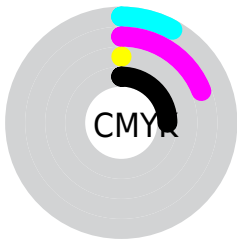
Distribution



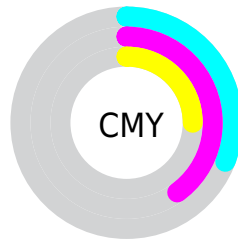
- Red (69%)
- Green (60%)
- Blue (75%)



- Red (69%)
- Yellow (60%)
- Blue (75%)



- Cyan (8%)
- Magenta (19%)
- Yellow (0%)
- Black (25%)



- Cyan (31%)
- Magenta (40%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 164.3830, 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 164.3830, 0.9600, 15.6480 by changing the saturation by 10% instead.

■ 164.3830, 0.9600,
15.6480

■ 164.3830, 0.9600,
15.6480

255.0000, -0.0000,
-0.0000

■ 137.9700, 0.6850,
15.1250

■ 219.2090, 1.5100,
16.6940

■ 112.5570, 0.4100,
14.6020

■ 244.4340, 4.9500,
9.4140

■ 88.0300, 0.4560,
13.7680

■ 64.6170, 0.1810,
13.2450

■ 42.0900, 0.2270,
12.4110

■ 20.9760, 0.5480,
12.1000

■ 2.8670, -6.6950,

5.6970

■ 0.0000, 0.0000,
0.0000

■ 164.3830, 0.9600,
15.6480

■ 164.3830, 0.9600,
15.6480

■ 150.8380, 1.4170,
23.8890

■ 177.9280, 0.5030,
7.4070

■ 137.2930, 1.8740,
32.1300

■ 191.4730, 0.0460,
-0.8340

■ 123.7480, 2.3310,
40.3710

■ 205.0180, -0.4110,
-9.0750

■ 110.2030, 2.7880,
48.6120

■ 218.5630, -0.8680,
-17.3160

■ 96.9570, 3.8410,
57.0650

■ 232.1080, -1.3250,
-25.5570

■ 83.4120, 4.2980,
65.3060

■ 237.7230, 1.1970,
-27.2110

■ 69.8670, 4.7550,
73.5470

■ 240.1150, 5.9650,
-25.5150

■ 56.3220, 5.2120,
81.7880

■ 242.5070, 10.7330,
-23.8190

■ 54.8490, 5.1660,
82.6220

■ 244.8990, 15.5010,
-22.1230

Harmonies

Analogous

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



162.0430, -18.7540, 9.4860



164.3830, 0.9600, 15.6480



165.0060, 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.



164.3830, 0.9600, 15.6480



162.0230, 27.5560, -3.8040



153.7070, -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.



164.3830, 0.9600, 15.6480



179.6170, -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.



155.4390, -20.9500, -16.8060



164.3830, 0.9600, 15.6480



160.0490, 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.



164.3830, 0.9600, 15.6480



163.3430, 32.8270, 5.2990



157.4320, -1.8770, -15.5490



154.2860, -42.0880, -8.1680

Rectangle

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



164.3830, 0.9600, 15.6480



165.0300, 26.8190, 15.0670



157.4320, -1.8770, -15.5490



154.2190, -31.9540, -15.6180

Sweetspot

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



164.3830, 0.9600, 15.6480



236.9880, 0.2740, 6.0500



166.9090, -15.6810, 3.3510



118.5210, 0.0910, 3.8590



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



164.3830, 0.9600, 15.6480



206.6640, 1.9670, 24.9350



168.5260, 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.



166.4740, 16.6410, 12.2970



209.7790, 26.2680, 19.5480



175.4740, -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 164.3830, 0.9600, 15.6480 looks on a white background.

Color Contrast Check

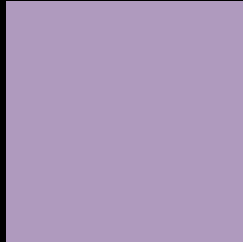
Large Text (above 18pt) WCAG AA × Fail

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 164.3830, 0.9600, 15.6480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

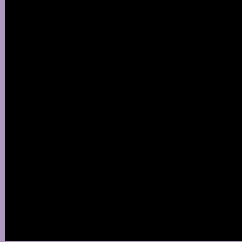
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 164.3830, 0.9600, 15.6480

Background



This preview shows how black text looks on a background with the YIQ color 164.3830, 0.9600, 15.6480.



This preview shows how white text looks on a background with the YIQ color 164.3830, 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

164.3830, 0.9600, 15.6480

Protanopia

162.0820, -14.4900, 9.3020

Deuteranopia

163.3280, -6.3750, 10.9130



Tritanopia

163.5540, 4.4920, 6.7000

Trichromacy



Original Color

164.3830, 0.9600, 15.6480

Protanomaly

163.1860, -8.8510, 11.7330

Deuteranomaly

163.9370, -3.7160, 12.2840

Tritanomaly

164.0640, 3.1160, 9.6120

Monochromacy



Original Color

164.3830, 0.9600, 15.6480

Achromatopsia

164.0000, 0.0000, -0.0000

Achromatomaly

163.8740, 0.5950, 5.7390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.3830, 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(175, 154, 190)` looks like.

```
.text, #text, p{  
    color:rgb(175, 154, 190)  
}
```

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(175, 154, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 154, 190) }
```

Border

The CSS property to change the border of an element to YIQ 164.3830, 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(175, 154, 190) }
```


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

```
.border{ border-color:rgb(175, 154, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 154, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 154, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 154, 190);  
box-shadow:4px 4px 4px 4px rgb(175, 154,  
190) }
```

Background

The CSS property to change the background color of an element to YIQ 164.3830, 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(175, 154, 190) }
```

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

```
.background{ background-color: rgb(175,  
154, 190) }
```

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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