

Converting Colors

YIQ(167.5180, 22.5090, 16.0850)

Have a look what the booklet for
YIQ(167.5180, 22.5090, 16.0850)
contains.

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Color

**YIQ(167.5180, 22.5090,
16.0850)**

Conversions

Conversions Part 1

Format	Color
Hex	C797AA
RGB	199, 151, 170
RGB Percent	78%, 59%, 67%
CMY	0.2195, 0.4079, 0.3333
CMYK	0.00, 0.24, 0.15, 0.22
HSL	336°, 30%, 69%
HSV	336°, 24%, 78%
XYZ	41.8826, 37.1763, 43.0079
YIQ	167.5180, 22.5090, 16.0850

Conversions

Conversions Part 2

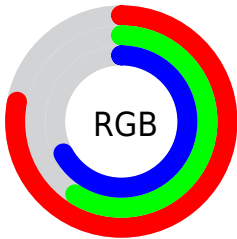
Format	Color
R _{YB}	199, 151, 170
Decimal	13080490
CIE Lab	67.41, 20.96, -2.93
CIE LCh	67, 21.166, 352.029
Yxy	37.1763, 0.3431, 0.3046
Android (android.graphics.Color)	4291270570 (0xFFC797AA)
YUV	167.5180, 1.2236, 27.6097
Hunter-Lab	60.9723, 15.9121, 0.8594

Details

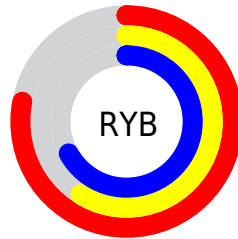
The YIQ color **167.5180, 22.5090, 16.0850** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **182.4820, -22.5090, -16.0850**, and the grayscale version is **167.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **222.2300, 23.3800, 16.8200**, and **115.2080, 20.4460, 14.9260** is the 20% darker color. If you saturate the color by 10%, you get **154.4100, 31.8610, 22.8130**, and if you desaturate by 10%, it is **180.6260, 13.1570, 9.3570**.

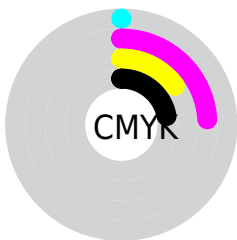
Distribution



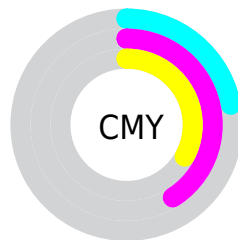
- Red (78%)
- Green (59%)
- Blue (67%)



- Red (78%)
- Yellow (59%)
- Blue (67%)



- Cyan (0%)
- Magenta (24%)
- Yellow (15%)
- Black (22%)



- Cyan (22%)
- Magenta (41%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 167.5180, 22.5090, 16.0850 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 167.5180, 22.5090, 16.0850 by changing the saturation by 10% instead.

■ 167.5180, 22.5090,
16.0850

■ 167.5180, 22.5090,
16.0850

255.0000, -0.0000,
-0.0000

■ 140.9200, 21.3170,
15.6610

■ 222.2300, 23.3800,
16.8200

■ 115.2080, 20.4460,
14.9260

■ 242.5590, 6.0960,
10.6720

■ 89.9090, 19.8500,
14.7140

■ 66.3110, 18.6580,
14.2900

■ 43.5990, 17.7870,
13.5550

■ 21.2290, 15.9530,
13.7530

■ 6.2790, 12.5160,

4.4520

■ 0.0000, 0.0000,
0.0000

■ 167.5180, 22.5090,
16.0850

■ 167.5180, 22.5090,
16.0850

■ 154.4100, 31.8610,
22.8130

■ 180.6260, 13.1570,
9.3570

■ 141.3020, 41.2130,
29.5410

■ 193.7340, 3.8050,
2.6290

■ 128.1940, 50.5650,
36.2690

■ 206.8420, -5.5470,
-4.0990

■ 115.0860, 59.9170,
42.9970

■ 219.9500,
-14.8990, -10.8270

■ 101.9780, 69.2690,
49.7250

■ 233.0580,
-24.2510, -17.5550

■ 89.4570, 78.3460,
55.9300

■ 236.7740,
-29.2030, -15.9150

■ 76.3490, 87.6980,
62.6580

■ 238.1420,
-33.0550, -12.1830

■ 68.5070, 93.2450,
66.7570

■ 238.2560,
-33.3760, -11.8720

Harmonies

Analogous

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



167.4330, 6.6910, 16.4110



167.5180, 22.5090, 16.0850



166.8470, 31.5880, 11.2360

Triad

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



167.5180, 22.5090, 16.0850



161.7710, 10.4100, -12.4540



157.7640, -40.4380, -5.0300

Complementary

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



167.5180, 22.5090, 16.0850



182.4820, -22.5090, -16.0850

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.



156.2060, -39.1070, -12.6350



167.5180, 22.5090, 16.0850



159.3820, -7.6080, -16.3120

Square

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



167.5180, 22.5090, 16.0850



163.7020, 24.0260, -5.9100



157.2150, -26.1310, -16.5230



161.3080, -29.9860, 3.7900

Rectangle

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



167.5180, 22.5090, 16.0850



165.7560, 33.1020, 5.8220



157.2150, -26.1310, -16.5230



156.5850, -41.4920, -7.9560

Sweetspot

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



167.5180, 22.5090, 16.0850



243.1800, 8.4810, 5.9930



165.1430, 1.8760, 21.0760



120.7450, 5.2720, 3.5760



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



167.5180, 22.5090, 16.0850



206.4320, 34.7950, 24.7070



168.2870, 27.2330, 7.5610



93.0330, 4.4010, 2.8410



56.1470, 76.2830, 54.7710



12.3600, 16.9620, 11.9860

Inverse Universe

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



167.5180, 22.5090, 16.0850



206.4320, 34.7950, 24.7070



181.7130, -27.2330, -7.5610



93.0330, 4.4010, 2.8410



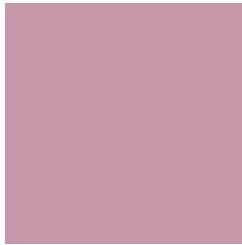
56.1470, 76.2830, 54.7710



12.3600, 16.9620, 11.9860

Previews

White Background



This preview shows how the YIQ color 167.5180, 22.5090, 16.0850 looks on a white background.

Color Contrast Check

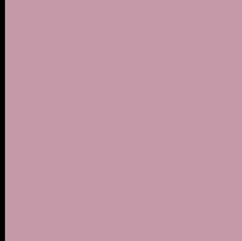
Large Text (above 18pt) WCAG AA × Fail

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 167.5180, 22.5090, 16.0850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

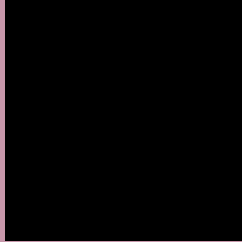
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 167.5180, 22.5090, 16.0850

Background



This preview shows how black text looks on a background with the YIQ color 167.5180, 22.5090, 16.0850.



This preview shows how white text looks on a background with the YIQ color 167.5180, 22.5090,

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

167.5180, 22.5090, 16.0850

Protanopia

164.8950, -3.8980, 4.5660

Deuteranopia

165.7070, 8.4350, 6.8270



Tritanopia

167.1220, 23.5640, 13.4840

Trichromacy



Original Color

167.5180, 22.5090, 16.0850

Protanomaly

166.0920, 5.9130, 8.4810

Deuteranomaly

166.4520, 13.7070, 10.4030

Tritanomaly

167.3500, 22.9220, 14.1060

Monochromacy



Original Color

167.5180, 22.5090, 16.0850

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

167.8810, 7.8850, 5.7810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 167.5180, 22.5090, 16.0850 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(199, 151, 170)` looks like.

```
.text, #text, p{  
    color:rgb(199, 151, 170)  
}
```

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(199, 151, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 151, 170) }
```

Border

The CSS property to change the border of an element to YIQ 167.5180, 22.5090, 16.0850 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(199, 151, 170) }
```


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

```
.border{ border-color:rgb(199, 151, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 151, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 151, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 151, 170);  
box-shadow:4px 4px 4px 4px rgb(199, 151,  
170) }
```

Background

The CSS property to change the background color of an element to YIQ 167.5180, 22.5090, 16.0850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 151, 170) }
```

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

```
.background{ background-color: rgb(199,  
151, 170) }
```

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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