

Converting Colors

YIQ(166.4230, 29.8460, 9.7660)

Have a look what the booklet for
YIQ(166.4230, 29.8460, 9.7660)
contains.

YIQ(166.4230, 29.8460, 9.7660)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(166.4230, 29.8460,
9.7660)**

Conversions

Conversions Part 1

Format	Color
Hex	C99896
RGB	201, 152, 150
RGB Percent	79%, 60%, 59%
CMY	0.2116, 0.4040, 0.4116
CMYK	0.00, 0.24, 0.25, 0.21
HSL	2°, 32%, 69%
HSV	2°, 25%, 79%
XYZ	40.8277, 37.0744, 33.8713
YIQ	166.4230, 29.8460, 9.7660

Conversions

Conversions Part 2

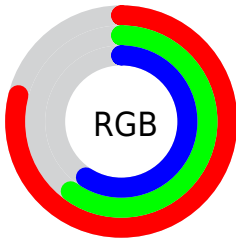
Format	Color
R _Y B	201, 152, 150
Decimal	13211798
CIE Lab	67.33, 18.07, 8.16
CIE LCh	67, 19.826, 24.311
Yxy	37.0744, 0.3653, 0.3317
Android (android.graphics.Color)	4291401878 (0xFFC99896)
YUV	166.4230, -8.0965, 30.3240
Hunter-Lab	60.8887, 13.1342, 9.6401

Details

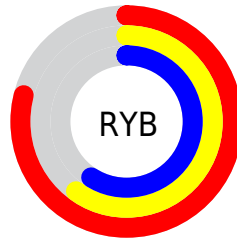
The YIQ color **166.4230, 29.8460, 9.7660** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **184.5770, -29.8460, -9.7660**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **220.4230, 29.8460, 9.7660**, and **114.2270, 27.4620, 8.9180** is the 20% darker color. If you saturate the color by 10%, you get **152.9900, 41.4910, 13.4830**, and if you desaturate by 10%, it is **179.8560, 18.2010, 6.0490**.

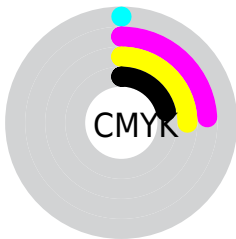
Distribution



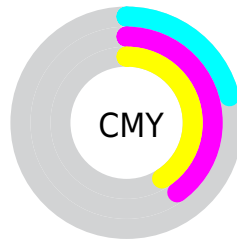
- Red (79%)
- Green (60%)
- Blue (59%)



- Red (79%)
- Yellow (60%)
- Blue (59%)



- Cyan (0%)
- Magenta (24%)
- Yellow (25%)
- Black (21%)




- Cyan (21%)
- Magenta (40%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 166.4230, 29.8460, 9.7660 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 166.4230, 29.8460, 9.7660 by changing the saturation by 10% instead.


 166.4230, 29.8460,
9.7660


 166.4230, 29.8460,
9.7660


255.0000, -0.0000,
-0.0000


 139.8250, 28.6540,
9.3420


 220.4230, 29.8460,
9.7660


 114.2270, 27.4620,
8.9180

 240.6380, 12.8830,
3.3070

 89.6290, 26.2700,
8.4940

 65.2590, 24.4360,
8.6920

 42.4760, 22.3270,
8.3670

 20.5360, 22.0980,
7.0100

 4.7840, 9.5360,

3.3920

0.0000, 0.0000,
0.0000

166.4230, 29.8460,
9.7660

166.4230, 29.8460,
9.7660

152.9900, 41.4910,
13.4830

179.8560, 18.2010,
6.0490

138.9700, 53.4110,
17.7230

193.8760, 6.2810,
1.8090

125.5370, 65.0560,
21.4400

207.3090, -5.3640,
-1.9080

112.1040, 76.7010,
25.1570

220.7420,
-17.0090, -5.6250

98.0840, 88.6210,
29.3970

234.8760,
-29.2500, -9.5540

■ 84.5370, 100.5870,
32.8030

■ 238.8540,
-32.1840, -11.4480

■ 71.1040, 112.2320,
36.5200

■ 64.7950, 117.5960,
38.4280

Harmonies

Analogous

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



167.2790, 21.6840, 14.5160



166.4230, 29.8460, 9.7660



165.3810, 29.6640, 2.0480

Triad

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



166.4230, 29.8460, 9.7660



159.7240, -8.5710, -15.3790



162.2760, -26.9600, 4.0160

Complementary

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



166.4230, 29.8460, 9.7660



184.5770, -29.8460, -9.7660

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.



158.1450, -37.1370, -4.2810



166.4230, 29.8460, 9.7660



157.4540, -25.3060, -14.9540

Square

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



166.4230, 29.8460, 9.7660



161.4010, 8.5760, -12.2560



156.8150, -36.4480, -11.2640



165.5880, -10.0430, 11.3090

Rectangle

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



166.4230, 29.8460, 9.7660



164.3540, 25.1260, -3.8180



156.8150, -36.4480, -11.2640



160.6560, -31.0860, 1.6980

Sweetspot

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



166.4230, 29.8460, 9.7660



240.9800, 11.9200, 4.2400



170.8350, 14.6670, 26.0510



118.8870, 7.7480, 2.7560



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.



166.4230, 29.8460, 9.7660



202.8980, 44.7460, 15.0660



181.0980, 22.9710, -3.3090



92.6910, 5.3640, 1.9080



52.2590, 95.4980, 31.4180



11.3510, 21.1810, 7.1090

Inverse Universe

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



184.5770, -29.8460, -9.7660



230.5150, -44.4710, -14.5430



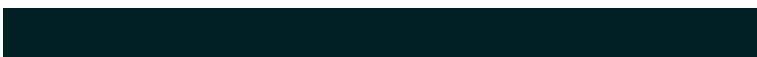
169.9020, -22.9710, 3.3090



96.3090, -5.3640, -1.9080



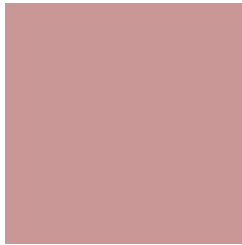
110.7410, -95.4980, -31.4180



24.0620, -20.9060, -6.5860

Previews

White Background



This preview shows how the YIQ color 166.4230, 29.8460, 9.7660 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 166.4230, 29.8460, 9.7660 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 166.4230, 29.8460, 9.7660

Background



This preview shows how black text looks on a background with the YIQ color 166.4230, 29.8460, 9.7660.



This preview shows how white text looks on a background with the YIQ color 166.4230, 29.8460,

9.7660.

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

166.4230, 29.8460, 9.7660

Protanopia

164.5830, 5.5480, -1.4280

Deuteranopia

165.3460, 19.5770, 3.1370



Tritanopia

166.9160, 27.1400, 14.7560

Trichromacy



Original Color

166.4230, 29.8460, 9.7660

Protanomaly

165.5950, 14.4420, 2.5860

Deuteranomaly

165.6670, 23.1070, 5.2430

Tritanomaly

167.0470, 28.1490, 12.9890

Monochromacy



Original Color

166.4230, 29.8460, 9.7660

Achromatopsia

166.0000, -0.0000, 0.0000

Achromatomaly

166.2680, 11.0490, 3.5050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 166.4230, 29.8460, 9.7660 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(201, 152, 150)` looks like.

```
.text, #text, p{  
    color:rgb(201, 152, 150)  
}
```

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(201, 152, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 152, 150) }
```

Border

The CSS property to change the border of an element to YIQ 166.4230, 29.8460, 9.7660 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(201, 152, 150) }
```


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

```
.border{ border-color:rgb(201, 152, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 152, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 152, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 152, 150);  
box-shadow:4px 4px 4px 4px rgb(201, 152,  
150) }
```

Background

The CSS property to change the background color of an element to YIQ 166.4230, 29.8460, 9.7660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 152, 150) }
```

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

```
.background{ background-color: rgb(201,  
152, 150) }
```

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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