

Converting Colors

YIQ(166.9000, 24.0690, 9.8370)

Have a look what the booklet for
YIQ(166.9000, 24.0690, 9.8370)
contains.

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Color

**YIQ(166.9000, 24.0690,
9.8370)**

Conversions

Conversions Part 1

Format	Color
Hex	C49A9D
RGB	196, 154, 157
RGB Percent	77%, 60%, 62%
CMY	0.2313, 0.3961, 0.3842
CMYK	0.00, 0.21, 0.20, 0.23
HSL	356°, 26%, 69%
HSV	356°, 21%, 77%
XYZ	40.4122, 37.2798, 36.9747
YIQ	166.9000, 24.0690, 9.8370

Conversions

Conversions Part 2

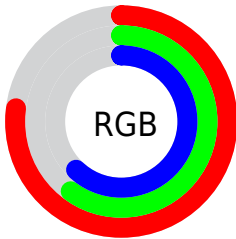
Format	Color
RYB	196, 154, 157
Decimal	12884637
CIELab	67.49, 16.12, 4.41
CIElCh	67, 16.714, 15.294
Yxy	37.2798, 0.3524, 0.3251
Android (android.graphics.Color)	4291074717 (0xFFC49A9D)
YUV	166.9000, -4.8807, 25.5207
Hunter-Lab	61.0571, 11.2948, 6.8355

Details

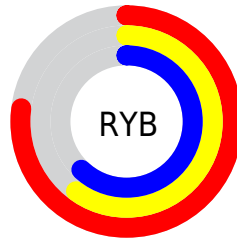
The YIQ color **166.9000, 24.0690, 9.8370** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **183.1000, -24.0690, -9.8370**, and the grayscale version is **167.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **222.3840, 25.5820, 9.9500**, and **115.0030, 22.2810, 9.2010** is the 20% darker color. If you saturate the color by 10%, you get **153.1080, 35.3470, 14.6990**, and if you desaturate by 10%, it is **180.6920, 12.7910, 4.9750**.

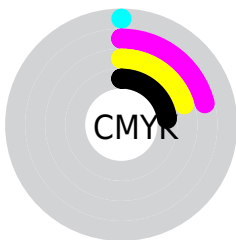
Distribution



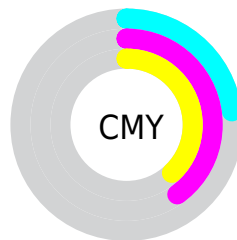
- Red (77%)
- Green (60%)
- Blue (62%)



- Red (77%)
- Yellow (60%)
- Blue (62%)



- Cyan (0%)
- Magenta (21%)
- Yellow (20%)
- Black (23%)



- Cyan (23%)
- Magenta (40%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 166.9000, 24.0690, 9.8370 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 166.9000, 24.0690, 9.8370 by changing the saturation by 10% instead.

■ 166.9000, 24.0690,
9.8370

■ 166.9000, 24.0690,
9.8370

■ 255.0000, -0.0000,
-0.0000

■ 140.3020, 22.8770,
9.4130

■ 222.4980, 25.2610,
10.2610

■ 115.0030, 22.2810,
9.2010

■ 242.7240, 9.7650,
4.7490

■ 89.8180, 21.3640,
9.3000

■ 65.9210, 19.5760,
8.6640

■ 43.3230, 18.3840,
8.2400

■ 22.3120, 16.9170,
7.2930

■ 3.8870, 7.7480,

2.7560

0.0000, 0.0000,
0.0000

166.9000, 24.0690,
9.8370

166.9000, 24.0690,
9.8370

153.1080, 35.3470,
14.6990

180.6920, 12.7910,
4.9750

139.9030, 46.3500,
19.0380

193.8970, 1.7880,
0.6360

125.9970, 57.9490,
23.5890

207.8030, -9.8110,
-3.9150

112.7920, 68.9520,
27.9280

221.0080,
-20.8140, -8.2540

99.0000, 80.2300,
32.7900

234.8000,
-32.0920, -13.1160

■ 85.2080, 91.5080,
37.6520

■ 237.3590,
-35.1640, -12.5080

■ 72.0030, 102.5110,
41.9910

■ 60.2000, 112.3220,
45.9060

Harmonies

Analogous

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



167.4030, 15.4030, 12.7070



166.9000, 24.0690, 9.8370



165.6950, 25.9040, 4.1120

Triad

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



166.9000, 24.0690, 9.8370



161.2410, -2.6570, -12.4250



162.1790, -25.3090, 1.6270

Complementary

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



166.9000, 24.0690, 9.8370



183.1000, -24.0690, -9.8370

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.



159.7280, -31.5890, -5.7090



166.9000, 24.0690, 9.8370



159.7000, -17.1910, -13.3430

Square

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



166.9000, 24.0690, 9.8370



163.0640, 11.1430, -9.2170



158.5340, -28.2870, -10.4870



164.9250, -12.6100, 8.2700

Rectangle

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



166.9000, 24.0690, 9.8370



164.8640, 23.7500, -0.9060



158.5340, -28.2870, -10.4870



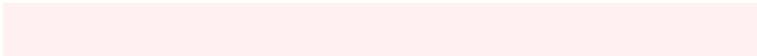
160.7440, -28.5180, -0.7900

Sweetspot

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



166.9000, 24.0690, 9.8370



244.5990, 8.6190, 3.4910



170.4490, 9.7620, 21.3300



121.6910, 5.3640, 1.9080



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.



166.9000, 24.0690, 9.8370



209.1900, 38.0520, 15.2360



177.1240, 20.0820, -0.5100



90.1040, 5.6390, 2.4310



49.5070, 92.1040, 37.8640



10.0950, 19.0260, 7.6180

Inverse Universe

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



166.9000, 24.0690, 9.8370



209.1900, 38.0520, 15.2360



173.4630, -20.3570, -0.0130



90.1040, 5.6390, 2.4310



49.5070, 92.1040, 37.8640



10.0950, 19.0260, 7.6180

Previews

White Background



This preview shows how the YIQ color 166.9000, 24.0690, 9.8370 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 166.9000, 24.0690, 9.8370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

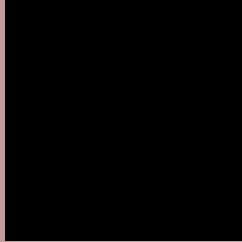
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 166.9000, 24.0690, 9.8370

Background



This preview shows how black text looks on a background with the YIQ color 166.9000, 24.0690, 9.8370.



This preview shows how white text looks on a background with the YIQ color 166.9000, 24.0690,

9.8370.

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

166.9000, 24.0690, 9.8370

Protanopia

165.0820, 2.7050, 0.5370

Deuteranopia

166.1330, 15.8630, 4.3670



Tritanopia

167.5240, 22.3720, 13.0600

Trichromacy



Original Color

166.9000, 24.0690, 9.8370

Protanomaly

165.4960, 10.4070, 4.1270

Deuteranomaly

166.1550, 18.7970, 6.2610

Tritanomaly

167.1820, 23.3350, 12.1270

Monochromacy



Original Color

166.9000, 24.0690, 9.8370

Achromatopsia

167.0000, -0.0000, -0.0000

Achromatomaly

166.8980, 9.2150, 3.7030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 166.9000, 24.0690, 9.8370 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(196, 154, 157)` looks like.

```
.text, #text, p{  
    color:rgb(196, 154, 157)  
}
```

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(196, 154, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 154, 157) }
```

Border

The CSS property to change the border of an element to YIQ 166.9000, 24.0690, 9.8370 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(196, 154, 157) }
```


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

```
.border{ border-color:rgb(196, 154, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 154, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 154, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 154, 157);  
box-shadow:4px 4px 4px 4px rgb(196, 154,  
157) }
```

Background

The CSS property to change the background color of an element to YIQ 166.9000, 24.0690, 9.8370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 154, 157) }
```

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

```
.background{ background-color: rgb(196,  
154, 157) }
```

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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