

Converting Colors

YIQ(168.4170, 39.1510, 22.8550)

Have a look what the booklet for
YIQ(168.4170, 39.1510, 22.8550)
contains.

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Color

**YIQ(168.4170, 39.1510,
22.8550)**

Conversions

Conversions Part 1

Format	Color
Hex	DC8FA4
RGB	220, 143, 164
RGB Percent	86%, 56%, 64%
CMY	0.1371, 0.4393, 0.3567
CMYK	0.00, 0.35, 0.25, 0.14
HSL	344°, 52%, 71%
HSV	344°, 35%, 86%
XYZ	46.0520, 37.5403, 39.9576
YIQ	168.4170, 39.1510, 22.8550

Conversions

Conversions Part 2

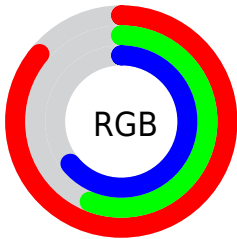
Format	Color
R _Y B	220, 143, 164
Decimal	14454692
CIE Lab	67.68, 32.02, 1.09
CIE LCh	68, 32.038, 1.945
Yxy	37.5403, 0.3727, 0.3038
Android (android.graphics.Color)	4292644772 (0xFFDC8FA4)
YUV	168.4170, -2.1776, 45.2383
Hunter-Lab	61.2701, 26.9419, 4.2229

Details

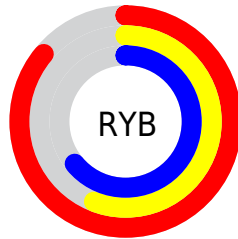
The YIQ color **168.4170, 39.1510, 22.8550** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **194.5830, -39.1510, -22.8550**, and the grayscale version is **168.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **217.4370, 27.2310, 18.6150**, and **114.9220, 36.1710, 21.7950** is the 20% darker color. If you saturate the color by 10%, you get **153.6790, 50.3370, 29.3850**, and if you desaturate by 10%, it is **183.1550, 27.9650, 16.3250**.

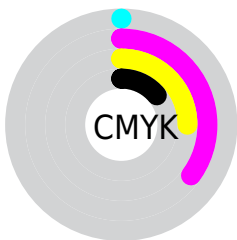
Distribution



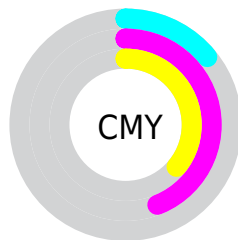
- Red (86%)
- Green (56%)
- Blue (64%)



- Red (86%)
- Yellow (56%)
- Blue (64%)



- Cyan (0%)
- Magenta (35%)
- Yellow (25%)
- Black (14%)





- Cyan (14%)
- Magenta (44%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 168.4170, 39.1510, 22.8550 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 168.4170, 39.1510, 22.8550 by changing the saturation by 10% instead.


 168.4170, 39.1510,
22.8550


 168.4170, 39.1510,
22.8550


255.0000, -0.0000,
-0.0000


 141.5200, 37.3630,
22.2190


 217.4370, 27.2310,
18.6150


 114.9220, 36.1710,
21.7950

 237.0650, 10.5430,
12.6790

 90.0250, 34.3830,
21.1590

 65.2420, 32.2740,
20.8340

 40.2850, 30.7150,
21.5550

 19.8500, 27.5060,
19.1380

 10.8780, 21.1350,

7.9430

■ 0.0000, 0.0000,
0.0000

■ 168.4170, 39.1510,
22.8550

■ 168.4170, 39.1510,
22.8550

■ 153.6790, 50.3370,
29.3850

■ 183.1550, 27.9650,
16.3250

■ 138.9410, 61.5230,
35.9150

■ 197.8930, 16.7790,
9.7950

■ 124.2030, 72.7090,
42.4450

■ 212.6310, 5.5930,
3.2650

■ 109.4650, 83.8950,
48.9750

■ 227.3690, -5.5930,
-3.2650

■ 94.7270, 95.0810,
55.5050

■ 242.1070,
-16.7790, -9.7950

■ 79.9890, 106.2670,
62.0350

■ 244.5350,
-20.8600, -7.4200

■ 72.6200, 111.8600,
65.3000

Harmonies

Analogous

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



168.9880, 18.6100, 26.1780



168.4170, 39.1510, 22.8550



167.2850, 47.9100, 12.7900

Triad

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



168.4170, 39.1510, 22.8550



159.5220, 6.3770, -21.9670



152.6500, -66.4800, -6.6400

Complementary

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



168.4170, 39.1510, 22.8550



194.5830, -39.1510, -22.8550

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.



147.2110, -73.0340, -20.0260



168.4170, 39.1510, 22.8550



155.3860, -22.5990, -25.4710

Square

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



168.4170, 39.1510, 22.8550



163.1830, 29.6210, -13.6990



150.2870, -52.9970, -25.2290



161.9080, -40.3030, 9.0490

Rectangle

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



168.4170, 39.1510, 22.8550



166.0040, 46.9030, 3.5030



150.2870, -52.9970, -25.2290



149.8510, -71.6600, -11.8840

Sweetspot

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



168.4170, 39.1510, 22.8550



236.2840, 14.1200, 8.4240



168.2230, 8.0630, 35.6070



116.5390, 8.8480, 4.8480



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.



168.4170, 39.1510, 22.8550



183.2990, 54.4630, 31.7030



176.0020, 41.2170, 7.4330



102.6310, 5.5930, 3.2650



57.0850, 88.0210, 51.2930



15.2360, 23.2430, 13.7950

Inverse Universe

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



168.4170, 39.1510, 22.8550



183.2990, 54.4630, 31.7030



186.9980, -41.2170, -7.4330



102.6310, 5.5930, 3.2650



57.0850, 88.0210, 51.2930



15.2360, 23.2430, 13.7950

Previews

White Background



This preview shows how the YIQ color 168.4170, 39.1510, 22.8550 looks on a white background.

Color Contrast Check

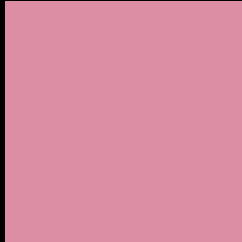
Large Text (above 18pt) WCAG AA × Fail

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 168.4170, 39.1510, 22.8550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

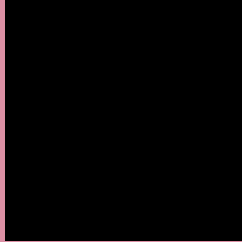
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 168.4170, 39.1510, 22.8550

Background



This preview shows how black text looks on a background with the YIQ color 168.4170, 39.1510, 22.8550.



This preview shows how white text looks on a background with the YIQ color 168.4170, 39.1510,

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

168.4170, 39.1510, 22.8550

Protanopia

165.7810, -3.5770, 4.2550

Deuteranopia

166.9910, 13.3870, 5.1870



Tritanopia

167.6790, 41.1690, 19.3210

Trichromacy



Original Color

168.4170, 39.1510, 22.8550

Protanomaly

166.4950, 12.1480, 11.1240

Deuteranomaly

167.4700, 22.4640, 11.3920

Tritanomaly

168.0210, 40.2060, 20.2540

Monochromacy



Original Color

168.4170, 39.1510, 22.8550

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

168.2840, 14.1200, 8.4240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.4170, 39.1510, 22.8550 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(220, 143, 164)` looks like.

```
.text, #text, p{  
    color:rgb(220, 143, 164)  
}
```

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(220, 143, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 143, 164) }
```

Border

The CSS property to change the border of an element to YIQ 168.4170, 39.1510, 22.8550 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(220, 143, 164) }
```


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

```
.border{ border-color:rgb(220, 143, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 143, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 143, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 143, 164);  
box-shadow:4px 4px 4px 4px rgb(220, 143,  
164) }
```

Background

The CSS property to change the background color of an element to YIQ 168.4170, 39.1510, 22.8550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 143, 164) }
```

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

```
.background{ background-color: rgb(220,  
143, 164) }
```

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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