

# Converting Colors

YIQ(169.1510, 25.7610, 34.2490)

Have a look what the booklet for  
YIQ(169.1510, 25.7610, 34.2490)  
contains.

<b>YIQ(169.1510, 25.7610, 34.2490)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(169.1510, 25.7610,  
34.2490)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D78CC7
RGB	215, 140, 199
RGB Percent	84%, 55%, 78%
CMY	0.1566, 0.4511, 0.2195
CMYK	0.00, 0.35, 0.07, 0.16
HSL	313°, 48%, 70%
HSV	313°, 35%, 84%
XYZ	47.7244, 37.3266, 58.7310
YIQ	169.1510, 25.7610, 34.2490

# Conversions

## Conversions Part 2

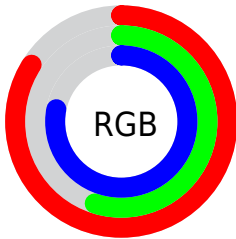
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	215, 140, 199
Decimal	14126279
CIE Lab	67.52, 37.40, -18.80
CIE LCh	68, 41.863, 333.312
Yxy	37.3266, 0.3319, 0.2596
Android (android.graphics.Color)	4292316359 (0xFFD78CC7)
YUV	169.1510, 14.7156, 40.2096
Hunter-Lab	61.0955, 32.5173, -14.2286

# Details

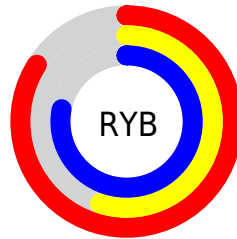
The YIQ color  $169.1510, 25.7610, 34.2490$  is a light color, and the websafe version is hex  $CC99CC$ . A complement of this color would be  $185.8490, -25.7610, -34.2490$ , and the grayscale version is  $169.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $219.7800, 16.5000, 31.3800$ , and  $115.7270, 24.0190, 32.7790$  is the 20% darker color. If you saturate the color by 10%, you get  $155.6670, 33.4160, 44.2000$ , and if you desaturate by 10%, it is  $182.0480, 18.3810, 24.8210$ .

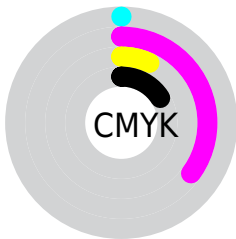
# Distribution



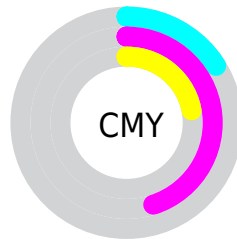
- Red (84%)
- Green (55%)
- Blue (78%)



- Red (84%)
- Yellow (55%)
- Blue (78%)



- Cyan (0%)
- Magenta (35%)
- Yellow (7%)
- Black (16%)



- Cyan (16%)
- Magenta (45%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 169.1510, 25.7610, 34.2490 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 169.1510, 25.7610, 34.2490 by changing the saturation by 10% instead.



169.1510, 25.7610,  
34.2490

169.1510, 25.7610,  
34.2490

255.0000, -0.0000,  
-0.0000

142.4390, 24.8900,  
33.5140

219.7800, 16.5000,  
31.3800

115.7270, 24.0190,  
32.7790

236.2160, 8.8000,  
16.7360

90.0150, 23.1480,  
32.0440

253.2390, 0.8250,  
1.5690

64.7160, 22.5520,  
31.8320

38.4710, 21.8640,  
33.2880

22.2160, 17.9680,  
26.8000

13.2440, 11.5970,

15.6050

■ 0.0000, 0.0000,  
0.0000

■ 169.1510, 25.7610,  
34.2490

■ 169.1510, 25.7610,  
34.2490

■ 155.6670, 33.4160,  
44.2000

■ 182.0480, 18.3810,  
24.8210

■ 142.8840, 40.4750,  
53.9390

■ 195.4180, 11.0470,  
14.5590

■ 129.4000, 48.1300,  
63.8900

■ 208.3150, 3.6670,  
5.1310

■ 116.6170, 55.1890,  
73.6290

■ 221.6850, -3.6670,  
-5.1310

■ 103.1330, 62.8440,  
83.5800

■ 235.1690,  
-11.3220, -15.0820

90.2360, 70.2240,  
93.0080

239.8480,  
-14.8520, -17.1880

83.5510, 73.8910,  
98.1390

240.3040,  
-16.1360, -15.9440

240.8740,  
-17.7410, -14.3890

241.3300,  
-19.0250, -13.1450

# Harmonies

## Analogous

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



167.8290, -11.5590, 27.7770



169.1510, 25.7610, 34.2490



167.3910, 51.2080, 30.1200

# Triad

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



169.1510, 25.7610, 34.2490



161.3160, 36.3160, -19.3960



130.7910, -116.1300, -31.9540

# Complementary

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



169.1510, 25.7610, 34.2490



185.8490, -25.7610, -34.2490

# 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.



133.1400, -92.6080, -39.7440



169.1510, 25.7610, 34.2490



156.8930, 6.4700, -29.1620

# Square

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



169.1510, 25.7610, 34.2490



163.8060, 56.0280, -2.1800



149.9560, -33.3720, -33.9800



130.2330, -122.8260, -20.7300



# Rectangle

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



169.1510, 25.7610, 34.2490



166.3130, 59.8750, 21.7230



149.9560, -33.3720, -33.9800



130.0100, -112.5530, -36.2090

# Sweetspot

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



169.1510, 25.7610, 34.2490



239.7550, 8.4800, 11.5200



153.0350, -15.1350, 26.5050



118.1520, 5.6840, 7.1240



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.



169.1510, 25.7610, 34.2490



189.5690, 36.8080, 48.8080



164.9330, 37.6380, 22.7420



100.3150, 3.6670, 5.1310



66.4050, 58.9020, 77.9260



16.7330, 14.7140, 19.6900



# Inverse Universe

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



169.1510, 25.7610, 34.2490



189.5690, 36.8080, 48.8080



190.0670, -37.6380, -22.7420



100.3150, 3.6670, 5.1310



66.4050, 58.9020, 77.9260



16.7330, 14.7140, 19.6900



# Previews

## White Background



This preview shows how the YIQ color 169.1510, 25.7610, 34.2490 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

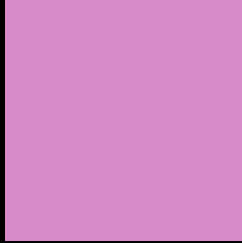
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 169.1510, 25.7610, 34.2490 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

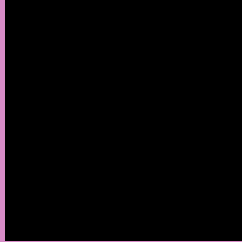
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 169.1510, 25.7610, 34.2490

## Background



This preview shows how black text looks on a background with the YIQ color 169.1510, 25.7610, 34.2490.



This preview shows how white text looks on a background with the YIQ color 169.1510, 25.7610,



# 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

169.1510, 25.7610, 34.2490

### Protanopia

165.3400, -23.8440, 13.6280

### Deuteranopia

166.3710, -7.9340, 11.6340



## Tritanopia

167.7920, 33.4210, 16.5650

# Trichromacy



## Original Color

169.1510, 25.7610, 34.2490

## Protanomaly

166.8370, -6.0100, 20.8220

## Deuteranomaly

167.1710, 4.6730, 19.9450

## Tritanomaly

168.3390, 30.6230, 23.2230

# Monochromacy



## Original Color

169.1510, 25.7610, 34.2490

## Achromatopsia

169.0000, -0.0000, -0.0000

## Achromatomaly

168.8800, 9.6260, 12.7780

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 169.1510, 25.7610, 34.2490 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(215, 140, 199)` looks like.

```
.text, #text, p{  
    color:rgb(215, 140, 199)  
}
```

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(215, 140, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 140, 199) }
```

## Border

The CSS property to change the border of an element to YIQ 169.1510, 25.7610, 34.2490 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(215, 140, 199) }
```



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

```
.border{ border-color:rgb(215, 140, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 140, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 140, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 140, 199);  
box-shadow:4px 4px 4px 4px rgb(215, 140,  
199) }
```

# Background

The CSS property to change the background color of an element to YIQ 169.1510, 25.7610, 34.2490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 140, 199) }
```

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

```
.background{ background-color: rgb(215,  
140, 199) }
```

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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