

# Converting Colors

YIQ(166.8590, 40.4820, 15.2500)

Have a look what the booklet for  
YIQ(166.8590, 40.4820, 15.2500)  
contains.

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# Color

**YIQ(166.8590, 40.4820,  
15.2500)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D79294
RGB	215, 146, 148
RGB Percent	84%, 57%, 58%
CMY	0.1567, 0.4275, 0.4194
CMYK	0.00, 0.32, 0.31, 0.16
HSL	358°, 46%, 71%
HSV	358°, 32%, 84%
XYZ	43.6596, 37.1417, 32.9018
YIQ	166.8590, 40.4820, 15.2500

# Conversions

## Conversions Part 2

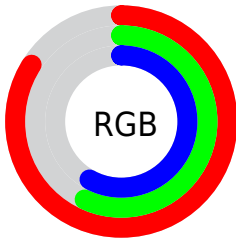
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	215, 146, 148
Decimal	14127764
CIE <sub>Lab</sub>	67.38, 26.38, 9.55
CIE <sub>LCh</sub>	67, 28.056, 19.911
Y <sub>xy</sub>	37.1417, 0.3840, 0.3267
Android (android.graphics.Color)	4292317844 (0xFFD79294)
Y <sub>UV</sub>	166.8590, -9.2975, 42.2197
Hunter-Lab	60.9440, 21.2236, 10.6520

# Details

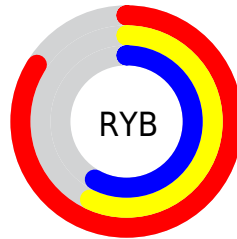
The YIQ color **166.8590, 40.4820, 15.2500** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **194.1410, -40.4820, -15.2500**, and the grayscale version is **167.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **216.6730, 32.1380, 12.2820**, and **114.0650, 36.9060, 13.9780** is the 20% darker color. If you saturate the color by 10%, you get **151.5510, 53.2730, 20.2250**, and if you desaturate by 10%, it is **181.5800, 27.9660, 10.7980**.

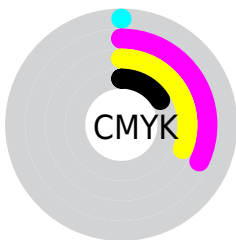
# Distribution



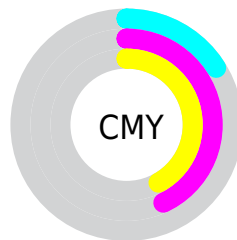
- Red (84%)
- Green (57%)
- Blue (58%)



- Red (84%)
- Yellow (57%)
- Blue (58%)



- Cyan (0%)
- Magenta (32%)
- Yellow (31%)
- Black (16%)




- Cyan (16%)
- Magenta (43%)
- Yellow (42%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 166.8590, 40.4820, 15.2500 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 166.8590, 40.4820, 15.2500 by changing the saturation by 10% instead.





 166.8590, 40.4820,  
15.2500


 166.8590, 40.4820,  
15.2500


255.0000, -0.0000,  
-0.0000


 139.9620, 38.6940,  
14.6140


 216.6730, 32.1380,  
12.2820


 114.3640, 37.5020,  
14.1900

 236.8880, 15.1750,  
5.8230

 88.6950, 35.0720,  
14.1760

 64.7980, 33.2840,  
13.5400

 41.1290, 30.8540,  
13.5260

 17.3030, 30.3040,  
12.4800

 8.4860, 16.3670,

6.2470

■ 0.0000, 0.0000,  
0.0000

■ 166.8590, 40.4820,  
15.2500

■ 166.8590, 40.4820,  
15.2500

■ 151.5510, 53.2730,  
20.2250

■ 181.5800, 27.9660,  
10.7980

■ 136.8300, 65.7890,  
24.6770

■ 196.8880, 15.1750,  
5.8230

■ 121.5220, 78.5800,  
29.6520

■ 211.6090, 2.6590,  
1.3710

■ 106.9150, 90.7750,  
34.4150

■ 226.8030, -9.8110,  
-3.9150

■ 91.6070, 103.5660,  
39.3900

■ 241.5240,  
-22.3270, -8.3670

■ 76.8860, 116.0820,  
43.8420

■ 243.0400,  
-23.8400, -8.4800

■ 64.9690, 126.2140,  
47.4460

# Harmonies

## Analogous

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



168.0290, 28.5600, 22.0640



166.8590, 40.4820, 15.2500



165.1930, 41.9970, 4.3090

# Triad

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



166.8590, 40.4820, 15.2500



157.7360, -8.8450, -21.4290



159.0660, -43.9240, 3.0840

# Complementary

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



166.8590, 40.4820, 15.2500



194.1410, -40.4820, -15.2500

# 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.



152.6630, -59.3270, -9.6230



166.8590, 40.4820, 15.2500



154.0350, -34.6120, -22.5160

# Square

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



166.8590, 40.4820, 15.2500



161.1750, 14.9040, -16.8080



151.0190, -54.8780, -18.6700



165.2050, -19.0300, 14.4900



# Rectangle

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



166.8590, 40.4820, 15.2500



164.4000, 36.6800, -3.9600



151.0190, -54.8780, -18.6700



156.7230, -50.3880, -0.9160

# Sweetspot

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



166.8590, 40.4820, 15.2500



237.4750, 14.9000, 5.3000



173.8990, 17.7830, 35.6630



116.8980, 9.2150, 3.7030



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.



166.8590, 40.4820, 15.2500



185.9430, 58.0410, 21.9210



185.4150, 32.3240, -2.1080



99.4030, 6.2350, 2.6430



51.6990, 100.3110, 37.8070



12.9710, 25.3070, 9.4270



# Inverse Universe

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



166.8590, 40.4820, 15.2500



185.9430, 58.0410, 21.9210



175.5850, -32.3240, 2.1080



99.4030, 6.2350, 2.6430



51.6990, 100.3110, 37.8070



12.9710, 25.3070, 9.4270



# Previews

## White Background



This preview shows how the YIQ color 166.8590, 40.4820, 15.2500 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

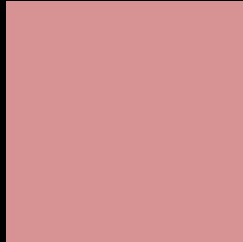
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 166.8590, 40.4820, 15.2500 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

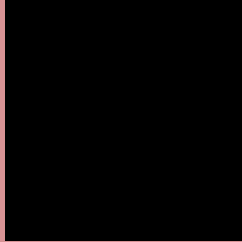
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 166.8590, 40.4820, 15.2500

## Background



This preview shows how black text looks on a background with the YIQ color 166.8590, 40.4820, 15.2500.



This preview shows how white text looks on a background with the YIQ color 166.8590, 40.4820,

15.2500.

# 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

166.8590, 40.4820, 15.2500

### Protanopia

164.8110, 4.9060, -0.8060

### Deuteranopia

165.3030, 21.1360, 2.4160



## Tritanopia

167.4830, 38.7850, 18.4730

# Trichromacy



## Original Color

166.8590, 40.4820, 15.2500

## Protanomaly

165.3290, 18.2470, 5.2150

## Deuteranomaly

166.0590, 27.8750, 6.9390

## Tritanomaly

167.1410, 39.7480, 17.5400

# Monochromacy



## Original Color

166.8590, 40.4820, 15.2500

## Achromatopsia

167.0000, -0.0000, -0.0000

## Achromatomaly

166.5890, 14.5790, 5.6110

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 166.8590, 40.4820, 15.2500 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, 146, 148)` looks like.

```
.text, #text, p{  
    color:rgb(215, 146, 148)  
}
```

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, 146, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 146, 148) }
```

## Border

The CSS property to change the border of an element to YIQ 166.8590, 40.4820, 15.2500 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, 146, 148) }
```



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

```
.border{ border-color:rgb(215, 146, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 146, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 146, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 146, 148);  
box-shadow:4px 4px 4px 4px rgb(215, 146,  
148) }
```

# Background

The CSS property to change the background color of an element to YIQ 166.8590, 40.4820, 15.2500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 146, 148) }
```

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

```
.background{ background-color: rgb(215,  
146, 148) }
```

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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