

Converting Colors

YIQ(170.8910, 37.4560, 15.0240)

Have a look what the booklet for
YIQ(170.8910, 37.4560, 15.0240)
contains.

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Color

**YIQ(170.8910, 37.4560,
15.0240)**

Conversions

Conversions Part 1

Format	Color
Hex	D8979B
RGB	216, 151, 155
RGB Percent	85%, 59%, 61%
CMY	0.1528, 0.4079, 0.3920
CMYK	0.00, 0.30, 0.28, 0.15
HSL	356°, 46%, 72%
HSV	356°, 30%, 85%
XYZ	45.3125, 39.0973, 36.1850
YIQ	170.8910, 37.4560, 15.0240

Conversions

Conversions Part 2

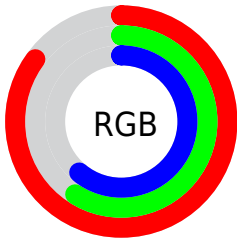
Format	Color
R _Y B	216, 151, 155
Decimal	14194587
CIE Lab	68.82, 24.99, 7.71
CIE LCh	69, 26.150, 17.151
Yxy	39.0973, 0.3757, 0.3242
Android (android.graphics.Color)	4292384667 (0xFFD8979B)
YUV	170.8910, -7.8343, 39.5606
Hunter-Lab	62.5278, 19.9312, 9.4582

Details

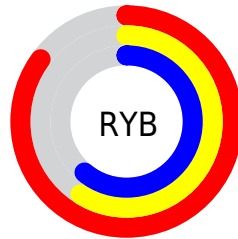
The YIQ color **170.8910, 37.4560, 15.0240** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **196.1090, -37.4560, -15.0240**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **220.9930, 28.2410, 11.3210**, and **117.8090, 34.7510, 14.4870** is the 20% darker color. If you saturate the color by 10%, you get **155.6970, 49.9260, 20.3100**, and if you desaturate by 10%, it is **186.0850, 24.9860, 9.7380**.

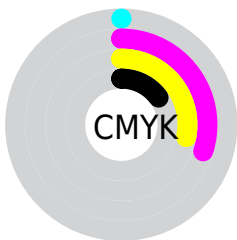
Distribution



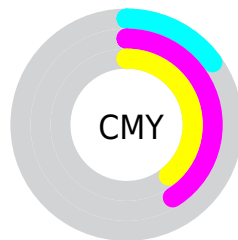
- Red (85%)
- Green (59%)
- Blue (61%)



- Red (85%)
- Yellow (59%)
- Blue (61%)



- Cyan (0%)
- Magenta (30%)
- Yellow (28%)
- Black (15%)





- Cyan (15%)
- Magenta (41%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 170.8910, 37.4560, 15.0240 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 170.8910, 37.4560, 15.0240 by changing the saturation by 10% instead.

 170.8910, 37.4560,
15.0240


 170.8910, 37.4560,
15.0240


255.0000, -0.0000,
-0.0000


 144.2930, 36.2640,
14.6000


 220.9930, 28.2410,
11.3210


 117.8090, 34.7510,
14.4870

 240.7350, 11.2320,
5.6960

 92.9120, 32.9630,
13.8510

 68.1290, 30.8540,
13.5260

 45.0470, 28.1490,
12.9890

 21.2750, 27.5070,
13.6110

 10.2800, 19.9430,

7.5190

■ 0.0000, 0.0000,
0.0000

■ 170.8910, 37.4560,
15.0240

■ 170.8910, 37.4560,
15.0240

■ 155.6970, 49.9260,
20.3100

■ 186.0850, 24.9860,
9.7380

■ 141.0900, 62.1210,
25.0730

■ 200.8060, 12.4700,
5.2860

■ 125.7820, 74.9120,
30.0480

■ 216.0000, -0.0000,
0.0000

■ 111.1750, 87.1070,
34.8110

■ 230.6070,
-12.1950, -4.7630

■ 95.9810, 99.5770,
40.0970

■ 243.3390,
-23.2440, -8.2680

■ 80.7870, 112.0470,
45.3830

■ 66.0660, 124.5630,
49.8350

Harmonies

Analogous

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



172.1210, 25.3050, 20.4810



170.8910, 37.4560, 15.0240



169.3500, 40.1170, 5.3410

Triad

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



170.8910, 37.4560, 15.0240



162.3450, -6.1860, -20.0580



162.9090, -42.0440, 2.0520

Complementary

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



170.8910, 37.4560, 15.0240



196.1090, -37.4560, -15.0240

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.



158.0010, -54.4670, -9.5950



170.8910, 37.4560, 15.0240



158.8400, -29.5690, -20.2970

Square

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



170.8910, 37.4560, 15.0240



165.4140, 15.7290, -15.2390



156.4820, -48.8720, -17.3840



168.3790, -19.5800, 13.4440

Rectangle

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



170.8910, 37.4560, 15.0240



168.2690, 35.6710, -2.1930



156.4820, -48.8720, -17.3840



161.1640, -47.3160, -1.5240

Sweetspot

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



170.8910, 37.4560, 15.0240



238.9910, 13.3870, 5.1870



176.6490, 15.4910, 33.1470



117.5990, 8.6190, 3.4910



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.



170.8910, 37.4560, 15.0240



191.1920, 52.9060, 21.3700



186.8710, 31.0400, -0.8640



99.4030, 6.2350, 2.6430



52.3830, 98.3850, 39.6730



13.1990, 24.6650, 10.0490

Inverse Universe

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



170.8910, 37.4560, 15.0240



191.1920, 52.9060, 21.3700



180.1290, -31.0400, 0.8640



99.4030, 6.2350, 2.6430



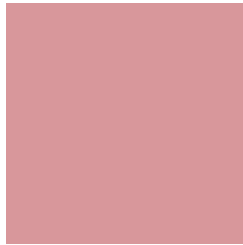
52.3830, 98.3850, 39.6730



13.1990, 24.6650, 10.0490

Previews

White Background



This preview shows how the YIQ color 170.8910, 37.4560, 15.0240 looks on a white background.

Color Contrast Check

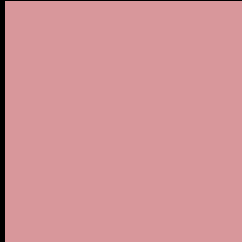
Large Text (above 18pt) WCAG AA × Fail

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 170.8910, 37.4560, 15.0240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

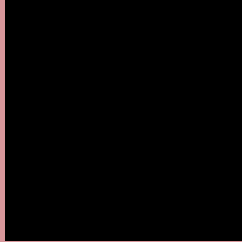
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 170.8910, 37.4560, 15.0240

Background



This preview shows how black text looks on a background with the YIQ color 170.8910, 37.4560, 15.0240.



This preview shows how white text looks on a background with the YIQ color 170.8910, 37.4560,

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

170.8910, 37.4560, 15.0240

Protanopia

168.7400, 3.6680, -0.3960

Deuteranopia

169.3460, 19.5770, 3.1370



Tritanopia

171.2870, 36.4010, 17.6250

Trichromacy



Original Color

170.8910, 37.4560, 15.0240

Protanomaly

169.6600, 15.8170, 5.2010

Deuteranomaly

169.8030, 25.7200, 7.4480

Tritanomaly

171.0590, 37.0430, 17.0030

Monochromacy



Original Color

170.8910, 37.4560, 15.0240

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

170.9910, 13.3870, 5.1870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.8910, 37.4560, 15.0240 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(216, 151, 155)` looks like.

```
.text, #text, p{  
    color:rgb(216, 151, 155)  
}
```

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(216, 151, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 151, 155) }
```

Border

The CSS property to change the border of an element to YIQ 170.8910, 37.4560, 15.0240 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(216, 151, 155) }
```


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

```
.border{ border-color:rgb(216, 151, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 151, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 151, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 151, 155);  
box-shadow:4px 4px 4px 4px rgb(216, 151,  
155) }
```

Background

The CSS property to change the background color of an element to YIQ 170.8910, 37.4560, 15.0240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 151, 155) }
```

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

```
.background{ background-color: rgb(216,  
151, 155) }
```

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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