

Converting Colors

YIQ(147.4340, 40.4810, 20.7770)

Have a look what the booklet for
YIQ(147.4340, 40.4810, 20.7770)
contains.

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Color

**YIQ(147.4340, 40.4810,
20.7770)**

Conversions

Conversions Part 1

Format	Color
Hex	C77B8A
RGB	199, 123, 138
RGB Percent	78%, 48%, 54%
CMY	0.2194, 0.5178, 0.4587
CMYK	0.00, 0.38, 0.31, 0.22
HSL	348°, 40%, 63%
HSV	348°, 38%, 78%
XYZ	35.2353, 28.1428, 27.6342
YIQ	147.4340, 40.4810, 20.7770

Conversions

Conversions Part 2

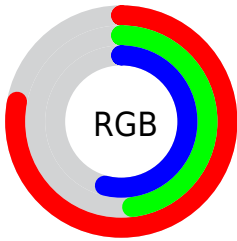
Format	Color
R _Y B	199, 123, 138
Decimal	13073290
CIE Lab	60.02, 31.52, 4.44
CIE LCh	60, 31.832, 8.014
Yxy	28.1428, 0.3871, 0.3092
Android (android.graphics.Color)	4291263370 (0xFFC77B8A)
YUV	147.4340, -4.6510, 45.2234
Hunter-Lab	53.0498, 25.7211, 6.2501

Details

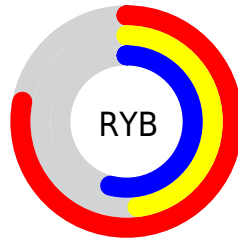
The YIQ color **147.4340, 40.4810, 20.7770** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **174.5660, -40.4810, -20.7770**, and the grayscale version is **147.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **201.3310, 42.2690, 21.4130**, and **95.6400, 36.9050, 19.5050** is the 20% darker color. If you saturate the color by 10%, you get **133.8700, 51.1170, 26.2610**, and if you desaturate by 10%, it is **160.9980, 29.8450, 15.2930**.

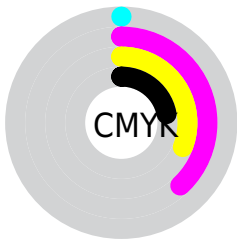
Distribution



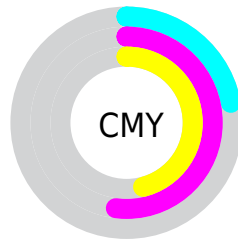
- Red (78%)
- Green (48%)
- Blue (54%)



- Red (78%)
- Yellow (48%)
- Blue (54%)



- Cyan (0%)
- Magenta (38%)
- Yellow (31%)
- Black (22%)





- Cyan (22%)
- Magenta (52%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 147.4340, 40.4810, 20.7770 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 147.4340, 40.4810, 20.7770 by changing the saturation by 10% instead.


 147.4340, 40.4810,
20.7770


 147.4340, 40.4810,
20.7770


255.0000, -0.0000,
-0.0000

 120.9500, 38.9680,
20.6640


 201.3310, 42.2690,
21.4130


 95.6400, 36.9050,
19.5050


 220.9590, 25.5810,
15.4770

 70.2700, 35.0710,
19.7030

 241.2880, 8.2970,
9.3290

 45.9000, 33.2370,
19.9010

 21.7580, 30.7610,
20.7210

 13.2700, 25.9030,
9.6390

 0.0000, 0.0000,

0.0000

■ 147.4340, 40.4810,
20.7770

■ 147.4340, 40.4810,
20.7770

■ 133.8700, 51.1170,
26.2610

■ 160.9980, 29.8450,
15.2930

■ 120.3060, 61.7530,
31.7450

■ 174.5620, 19.2090,
9.8090

■ 106.7420, 72.3890,
37.2290

■ 188.1260, 8.5730,
4.3250

■ 93.1780, 83.0250,
42.7130

■ 201.6900, -2.0630,
-1.1590

■ 79.6140, 93.6610,
48.1970

■ 214.6670,
-12.4240, -6.1200

■ 66.6370, 104.0220,
53.1580

■ 228.2310,
-23.0600, -11.6040

■ 63.9470, 106.0850,
54.3170

■ 237.6860,
-31.7710, -13.4270

■ 238.2560,
-33.3760, -11.8720

Harmonies

Analogous

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



148.5000, 22.9200, 25.1600



147.4340, 40.4810, 20.7770



145.8070, 46.2600, 9.6520

Triad

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



147.4340, 40.4810, 20.7770



138.8850, 0.9210, -22.2070



133.0850, -63.2710, -4.2230

Complementary

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



147.4340, 40.4810, 20.7770



174.5660, -40.4810, -20.7770

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.



123.8020, -79.1320, -19.6440



147.4340, 40.4810, 20.7770



133.9770, -28.6970, -25.0890

Square

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



147.4340, 40.4810, 20.7770



141.9050, 24.5320, -15.0840



127.5790, -59.6910, -25.0590



142.8980, -34.3430, 11.1690

Rectangle

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



147.4340, 40.4810, 20.7770



145.1560, 43.4190, 0.5630



127.5790, -59.6910, -25.0590



129.5030, -70.5600, -9.7920

Sweetspot

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



147.4340, 40.4810, 20.7770



236.0560, 14.7620, 7.8020



149.9030, 11.9600, 36.5680



116.4250, 9.1690, 4.5370



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.



147.4340, 40.4810, 20.7770



175.6050, 62.3490, 31.9570



159.2250, 38.9710, 4.0830



92.8050, 5.0430, 2.2190



52.3850, 86.8760, 44.5080



11.5620, 19.2090, 9.8090

Inverse Universe

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



147.4340, 40.4810, 20.7770



175.6050, 62.3490, 31.9570



162.7750, -38.9710, -4.0830



92.8050, 5.0430, 2.2190



52.3850, 86.8760, 44.5080



11.5620, 19.2090, 9.8090

Previews

White Background



This preview shows how the YIQ color 147.4340, 40.4810, 20.7770 looks on a white background.

Color Contrast Check

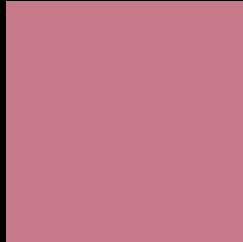
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.4340, 40.4810, 20.7770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

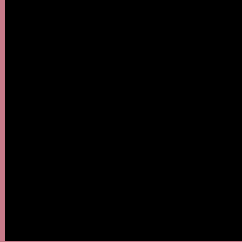
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 147.4340, 40.4810, 20.7770

Background



This preview shows how black text looks on a background with the YIQ color 147.4340, 40.4810, 20.7770.



This preview shows how white text looks on a background with the YIQ color 147.4340, 40.4810,

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

147.4340, 40.4810, 20.7770

Protanopia

145.2820, -0.7340, 2.2900

Deuteranopia

146.3070, 15.3130, 3.3210



Tritanopia

147.4510, 41.8110, 18.6990

Trichromacy



Original Color

147.4340, 40.4810, 20.7770

Protanomaly

145.8110, 14.0740, 9.2580

Deuteranomaly

146.7860, 24.3900, 9.5260

Tritanomaly

147.6790, 41.1690, 19.3210

Monochromacy



Original Color

147.4340, 40.4810, 20.7770

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

147.0560, 14.7620, 7.8020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.4340, 40.4810, 20.7770 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(199, 123, 138)` looks like.

```
.text, #text, p{  
    color:rgb(199, 123, 138)  
}
```

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(199, 123, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 123, 138) }
```

Border

The CSS property to change the border of an element to YIQ 147.4340, 40.4810, 20.7770 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(199, 123, 138) }
```


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

```
.border{ border-color:rgb(199, 123, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 123, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 123, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 123, 138);  
box-shadow:4px 4px 4px 4px rgb(199, 123,  
138) }
```

Background

The CSS property to change the background color of an element to YIQ 147.4340, 40.4810, 20.7770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 123, 138) }
```

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

```
.background{ background-color: rgb(199,  
123, 138) }
```

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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