

Converting Colors

YIQ(147.3480, 43.5990, 19.3350)

Have a look what the booklet for
YIQ(147.3480, 43.5990, 19.3350)
contains.

YIQ(147.3480, 43.5990, 19.3350)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(147.3480, 43.5990,
19.3350)**

Conversions

Conversions Part 1

Format	Color
Hex	C97B84
RGB	201, 123, 132
RGB Percent	79%, 48%, 52%
CMY	0.2116, 0.5178, 0.4822
CMYK	0.00, 0.39, 0.34, 0.21
HSL	353°, 42%, 64%
HSV	353°, 39%, 79%
XYZ	35.3472, 28.2492, 25.4346
YIQ	147.3480, 43.5990, 19.3350

Conversions

Conversions Part 2

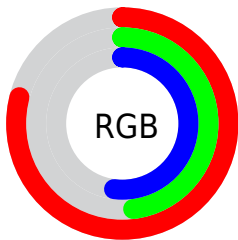
Format	Color
RYB	201, 123, 132
Decimal	13204356
CIELab	60.11, 31.49, 8.06
CIElCh	60, 32.503, 14.350
Yxy	28.2492, 0.3970, 0.3173
Android (android.graphics.Color)	4291394436 (0xFFC97B84)
YUV	147.3480, -7.5666, 47.0528
Hunter-Lab	53.1499, 25.6983, 8.8320

Details

The YIQ color **147.3480, 43.5990, 19.3350** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **176.6520, -43.5990, -19.3350**, and the grayscale version is **147.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **200.6470, 44.1950, 19.5470**, and **95.6680, 39.7020, 18.3740** is the 20% darker color. If you saturate the color by 10%, you get **133.5560, 54.8770, 24.1970**, and if you desaturate by 10%, it is **161.1400, 32.3210, 14.4730**.

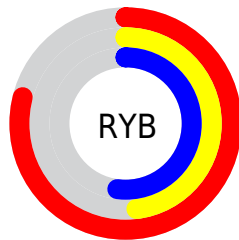
Distribution



Red (79%)

Green (48%)

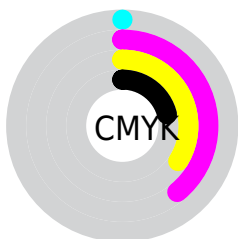
Blue (52%)



Red (79%)

Yellow (48%)

Blue (52%)

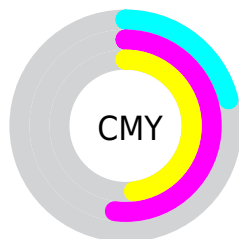


Cyan (0%)

Magenta (39%)

Yellow (34%)

Black (21%)



Cyan (21%)


Magenta (52%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 147.3480, 43.5990, 19.3350 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 147.3480, 43.5990, 19.3350 by changing the saturation by 10% instead.


 147.3480, 43.5990,
19.3350


 147.3480, 43.5990,
19.3350


255.0000, -0.0000,
-0.0000


 120.8640, 42.0860,
19.2220


 200.6470, 44.1950,
19.5470


 95.6680, 39.7020,
18.3740


 220.2750, 27.5070,
13.6110

 69.9990, 37.2720,
18.3600

 240.4900, 10.5440,
7.1520

 45.6290, 35.4380,
18.5580

 21.4870, 32.9620,
19.3780

 13.2700, 25.9030,
9.6390

 0.0000, 0.0000,

0.0000

■ 147.3480, 43.5990,
19.3350

■ 147.3480, 43.5990,
19.3350

■ 133.5560, 54.8770,
24.1970

■ 161.1400, 32.3210,
14.4730

■ 119.8780, 65.8340,
29.3700

■ 174.9320, 21.0430,
9.6110

■ 106.0860, 77.1120,
34.2320

■ 188.6100, 10.0860,
4.4380

■ 92.2940, 88.3900,
39.0940

■ 202.4020, -1.1920,
-0.4240

■ 77.9150, 99.9430,
44.4790

■ 216.1940,
-12.4700, -5.2860

■ 64.1230, 111.2210,
49.3410

■ 230.5730,
-24.0230, -10.6710

■ 62.7210, 112.4130,
49.7650

■ 238.8540,
-32.1840, -11.4480

Harmonies

Analogous

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



148.8380, 27.7800, 25.1880



147.3480, 43.5990, 19.3350



145.5250, 46.9940, 7.3620

Triad

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



147.3480, 43.5990, 19.3350



138.0090, -5.3600, -24.0160



135.2320, -59.1910, -1.0710

Complementary

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



147.3480, 43.5990, 19.3350



176.6520, -43.5990, -19.3350

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.



123.8880, -82.2500, -18.2020



147.3480, 43.5990, 19.3350



132.4430, -35.9410, -25.9650

Square

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



147.3480, 43.5990, 19.3350



141.8720, 20.1310, -17.9250



125.0880, -68.4940, -25.2140



144.4150, -28.4290, 14.1230

Rectangle

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



147.3480, 43.5990, 19.3350



144.9770, 42.3650, -2.3630



125.0880, -68.4940, -25.2140



131.2800, -68.3140, -6.4420

Sweetspot

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



147.3480, 43.5990, 19.3350



233.7250, 17.1920, 7.8160



152.5230, 16.0860, 38.8860



115.6100, 10.0860, 4.4380



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.



147.3480, 43.5990, 19.3350



172.4760, 67.0260, 29.7940



163.9320, 38.2380, 0.8460



92.8050, 5.0430, 2.2190



50.9030, 91.0490, 40.4650



11.2200, 20.1720, 8.8760

Inverse Universe

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



147.3480, 43.5990, 19.3350



172.4760, 67.0260, 29.7940



160.0680, -38.2380, -0.8460



92.8050, 5.0430, 2.2190



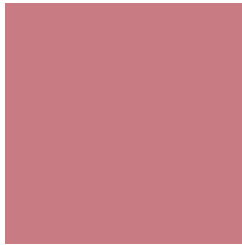
50.9030, 91.0490, 40.4650



11.2200, 20.1720, 8.8760

Previews

White Background



This preview shows how the YIQ color 147.3480, 43.5990, 19.3350 looks on a white background.

Color Contrast Check

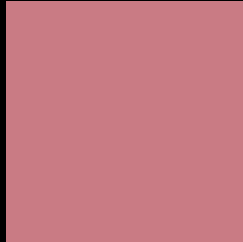
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.3480, 43.5990, 19.3350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

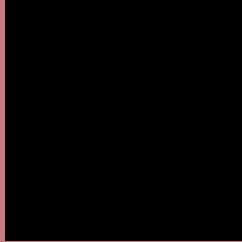
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 147.3480, 43.5990, 19.3350

Background



This preview shows how black text looks on a background with the YIQ color 147.3480, 43.5990, 19.3350.



This preview shows how white text looks on a background with the YIQ color 147.3480, 43.5990,

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

147.3480, 43.5990, 19.3350

Protanopia

145.7830, 2.1090, 0.3250

Deuteranopia

146.2210, 18.4310, 1.8790



Tritanopia

147.3480, 43.5990, 19.3350

Trichromacy



Original Color

147.3480, 43.5990, 19.3350

Protanomaly

146.3120, 16.9170, 7.2930

Deuteranomaly

146.7000, 27.5080, 8.0840

Tritanomaly

147.3480, 43.5990, 19.3350

Monochromacy



Original Color

147.3480, 43.5990, 19.3350

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

147.1270, 16.0000, 7.3920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.3480, 43.5990, 19.3350 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(201, 123, 132)` looks like.

```
.text, #text, p{  
    color:rgb(201, 123, 132)  
}
```

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(201, 123, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 123, 132) }
```

Border

The CSS property to change the border of an element to YIQ 147.3480, 43.5990, 19.3350 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(201, 123, 132) }
```


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

```
.border{ border-color:rgb(201, 123, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 123, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 123, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 123, 132);  
box-shadow:4px 4px 4px 4px rgb(201, 123,  
132) }
```

Background

The CSS property to change the background color of an element to YIQ 147.3480, 43.5990, 19.3350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 123, 132) }
```

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

```
.background{ background-color: rgb(201,  
123, 132) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor