

Converting Colors

YIQ(155.9310, 49.1470, 17.9070)

Have a look what the booklet for
YIQ(155.9310, 49.1470, 17.9070)
contains.

YIQ(155.9310, 49.1470, 17.9070)	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(155.9310, 49.1470,
17.9070)**

Conversions

Conversions Part 1

Format	Color
Hex	D68384
RGB	214, 131, 132
RGB Percent	84%, 51%, 52%
CMY	0.1606, 0.4864, 0.4822
CMYK	0.00, 0.39, 0.38, 0.16
HSL	359°, 50%, 68%
HSV	359°, 39%, 84%
XYZ	40.0262, 32.1943, 25.9521
YIQ	155.9310, 49.1470, 17.9070

Conversions

Conversions Part 2

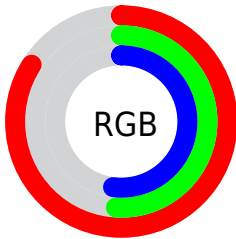
Format	Color
R _Y B	214, 131, 132
Decimal	14058372
CIE Lab	63.50, 32.09, 13.07
CIE LCh	64, 34.650, 22.162
Yxy	32.1943, 0.4077, 0.3279
Android (android.graphics.Color)	4292248452 (0xFFD68384)
YUV	155.9310, -11.7980, 50.9265
Hunter-Lab	56.7400, 26.6245, 12.5996

Details

The YIQ color **155.9310, 49.1470, 17.9070** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **189.0690, -49.1470, -17.9070**, and the grayscale version is **156.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **205.9300, 41.7200, 14.8400**, and **103.3650, 44.9290, 17.2570** is the 20% darker color. If you saturate the color by 10%, you get **141.2100, 61.6630, 22.3590**, and if you desaturate by 10%, it is **170.6520, 36.6310, 13.4550**.

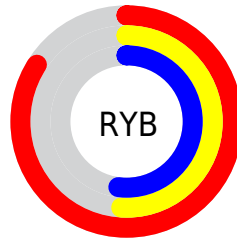
Distribution



Red (84%)

Green (51%)

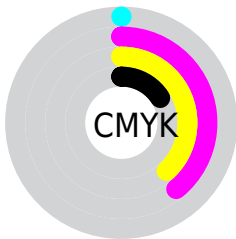
Blue (52%)



Red (84%)

Yellow (51%)

Blue (52%)

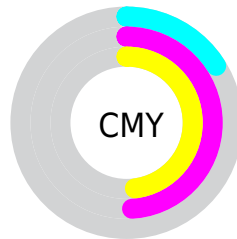


Cyan (0%)

Magenta (39%)

Yellow (38%)

Black (16%)



Cyan (16%)


Magenta (49%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 155.9310, 49.1470, 17.9070 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 155.9310, 49.1470, 17.9070 by changing the saturation by 10% instead.


 155.9310, 49.1470,
17.9070


 155.9310, 49.1470,
17.9070


255.0000, -0.0000,
-0.0000

 129.1480, 47.0380,
17.5820


 205.9300, 41.7200,
14.8400


 103.3650, 44.9290,
17.2570


 225.5580, 25.0320,
8.9040

 78.2830, 42.2240,
16.7200

 245.7730, 8.0690,
2.4450

 53.0270, 40.0690,
17.2290

 27.4120, 37.5470,
18.8830

 15.2490, 30.3960,
10.8120

 3.2890, 6.5560,

2.3320

■ 0.0000, 0.0000,
0.0000

■ 155.9310, 49.1470,
17.9070

■ 155.9310, 49.1470,
17.9070

■ 141.2100, 61.6630,
22.3590

■ 170.6520, 36.6310,
13.4550

■ 125.9020, 74.4540,
27.3340

■ 185.9600, 23.8400,
8.4800

■ 111.1810, 86.9700,
31.7860

■ 200.6810, 11.3240,
4.0280

■ 95.8730, 99.7610,
36.7610

■ 216.1030, -1.7880,
-0.6360

■ 81.0380, 112.5980,
40.9020

■ 230.8240,
-14.3040, -5.0880

■ 66.3170, 125.1140,
45.3540

■ 242.7410,
-24.4360, -8.6920

■ 64.3280, 126.5810,
46.3010

Harmonies

Analogous

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



157.6710, 35.6200, 26.2760



155.9310, 49.1470, 17.9070



154.6730, 49.3330, 3.5170

Triad

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



155.9310, 49.1470, 17.9070



144.9370, -14.0250, -26.6730



146.1340, -55.7990, 3.5370

Complementary

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



155.9310, 49.1470, 17.9070



189.0690, -49.1470, -17.9070

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.



133.0170, -86.9270, -16.0390



155.9310, 49.1470, 17.9070



138.6310, -48.2740, -28.2260

Square

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



155.9310, 49.1470, 17.9070



149.4260, 15.4550, -21.2890



129.1230, -84.7700, -27.6020



155.1710, -21.6900, 18.6460

Rectangle

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



155.9310, 49.1470, 17.9070



153.3420, 42.5950, -6.5330



129.1230, -84.7700, -27.6020



142.2850, -66.7100, -2.4700

Sweetspot

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



155.9310, 49.1470, 17.9070



233.3830, 18.1550, 6.8830



164.9800, 22.2290, 43.1970



115.3820, 10.7280, 3.8160



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.



155.9310, 49.1470, 17.9070



171.1080, 70.8780, 26.0620



179.2970, 38.4680, -3.3240



99.4030, 6.2350, 2.6430



51.3570, 101.2740, 36.8740



12.9710, 25.3070, 9.4270

Inverse Universe

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



155.9310, 49.1470, 17.9070



171.1080, 70.8780, 26.0620



165.7030, -38.4680, 3.3240



99.4030, 6.2350, 2.6430



51.3570, 101.2740, 36.8740



12.9710, 25.3070, 9.4270

Previews

White Background



This preview shows how the YIQ color 155.9310, 49.1470, 17.9070 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 155.9310, 49.1470, 17.9070 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 155.9310, 49.1470, 17.9070

Background



This preview shows how black text looks on a background with the YIQ color 155.9310, 49.1470, 17.9070.



This preview shows how white text looks on a background with the YIQ color 155.9310, 49.1470,

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

155.9310, 49.1470, 17.9070

Protanopia

154.3550, 6.1900, -2.0500

Deuteranopia

154.8040, 23.9790, 0.4510



Tritanopia

156.4410, 47.7710, 20.8190

Trichromacy



Original Color

155.9310, 49.1470, 17.9070

Protanomaly

155.1830, 21.5940, 5.1300

Deuteranomaly

155.2830, 33.0560, 6.6560

Tritanomaly

156.0990, 48.7340, 19.8860

Monochromacy



Original Color

155.9310, 49.1470, 17.9070

Achromatopsia

156.0000, -0.0000, -0.0000

Achromatomaly

155.9700, 17.8800, 6.3600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.9310, 49.1470, 17.9070 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(214, 131, 132)` looks like.

```
.text, #text, p{  
    color:rgb(214, 131, 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(214, 131, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 131, 132) }
```

Border

The CSS property to change the border of an element to YIQ 155.9310, 49.1470, 17.9070 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(214, 131, 132) }
```


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

```
.border{ border-color:rgb(214, 131, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 131, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 131, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 131, 132);  
box-shadow:4px 4px 4px 4px rgb(214, 131,  
132) }
```

Background

The CSS property to change the background color of an element to YIQ 155.9310, 49.1470, 17.9070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 131, 132) }
```

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

```
.background{ background-color: rgb(214,  
131, 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