

Converting Colors

YIQ(113.9310, 49.1470, 17.9070)

Have a look what the booklet for
YIQ(113.9310, 49.1470, 17.9070)
contains.

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Color

**YIQ(113.9310, 49.1470,
17.9070)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | AC595A |
| RGB | 172, 89, 90 |
| RGB Percent | 67%, 35%, 35% |
| CMY | 0.3253, 0.6511, 0.6469 |
| CMYK | 0.00, 0.48, 0.48, 0.33 |
| HSL | 359°, 33%, 51% |
| HSV | 359°, 48%, 67% |
| XYZ | 22.4414, 16.6544, 11.7157 |
| YIQ | 113.9310, 49.1470, 17.9070 |

Conversions

Conversions Part 2

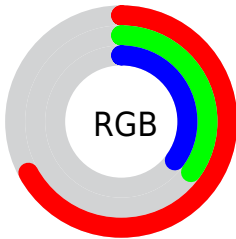
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 172, 89, 90 |
| Decimal | 11295066 |
| CIE _{Lab} | 47.82, 33.94, 14.91 |
| CIE _{LCh} | 48, 37.073, 23.716 |
| Yxy | 16.6544, 0.4417, 0.3278 |
| Android (android.graphics.Color) | 4289485146 (0xFFAC595A) |
| YUV | 113.9310, -11.7980, 50.9265 |
| Hunter-Lab | 40.8097, 26.7406, 11.5457 |

Details

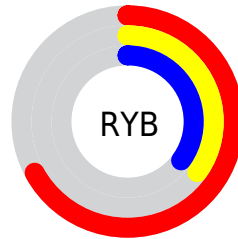
The YIQ color **113.9310, 49.1470, 17.9070** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **147.0690, -49.1470, -17.9070**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.4970, 53.3650, 18.5570**, and **63.2940, 43.6910, 17.6670** is the 20% darker color. If you saturate the color by 10%, you get **102.0140, 59.2790, 21.5110**, and if you desaturate by 10%, it is **125.8480, 39.0150, 14.3030**.

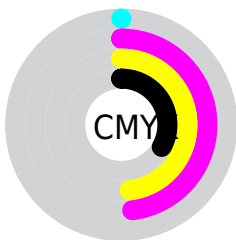
Distribution



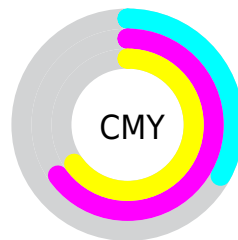
- Red (67%)
- Green (35%)
- Blue (35%)



- Red (67%)
- Yellow (35%)
- Blue (35%)



- Cyan (0%)
- Magenta (48%)
- Yellow (48%)
- Black (33%)





- Cyan (33%)
- Magenta (65%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 113.9310, 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 113.9310, 49.1470, 17.9070 by changing the saturation by 10% instead.


 113.9310, 49.1470,
17.9070


 113.9310, 49.1470,
17.9070


255.0000, -0.0000,
-0.0000


 88.2620, 46.7170,
17.8930


 167.4970, 53.3650,
18.5570


 63.2940, 43.6910,
17.6670


 193.7850, 52.4940,
17.8220

 36.9780, 41.7650,
19.5330

 212.8260, 36.0810,
12.4090

 18.8370, 37.5480,
13.3560

 232.9270, 19.4390,
5.6390

 11.4760, 22.3270,
8.3670

 253.2560, 2.1550,
-0.5090

 0.0000, 0.0000,
0.0000

■ 113.9310, 49.1470,
17.9070

■ 113.9310, 49.1470,
17.9070

■ 102.0140, 59.2790,
21.5110

■ 125.8480, 39.0150,
14.3030

■ 90.0970, 69.4110,
25.1150

■ 137.7650, 28.8830,
10.6990

■ 77.5930, 79.8180,
29.2420

■ 150.2690, 18.4760,
6.5720

■ 65.6760, 89.9500,
32.8460

■ 162.1860, 8.3440,
2.9680

■ 53.7590, 100.0820,
36.4500

■ 174.1030, -1.7880,
-0.6360


■ 51.6560, 101.8700,
37.0860

■ 186.0200,
-11.9200, -4.2400

■ 197.9370,
-22.0520, -7.8440

■ 210.4410,

-32.4590, -11.9710

 222.3580,
-42.5910, -15.5750

Harmonies

Analogous

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



115.6820, 37.0870, 27.2230



113.9310, 49.1470, 17.9070



112.9610, 48.4620, 2.7820

Triad

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



113.9310, 49.1470, 17.9070



103.4420, -17.0050, -27.7330



101.1650, -66.2520, 0.2440

Complementary

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



113.9310, 49.1470, 17.9070



147.0690, -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.



92.5440, -86.9730, -15.2050



113.9310, 49.1470, 17.9070



87.8070, -69.5010, -34.5010

Square

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



113.9310, 49.1470, 17.9070



108.0020, 13.7130, -22.7590



91.4550, -79.7730, -24.5490



114.2850, -22.0110, 18.9570

Rectangle

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



113.9310, 49.1470, 17.9070



111.9180, 40.8530, -8.0030



91.4550, -79.7730, -24.5490



91.3360, -89.0830, -10.0030

Sweetspot

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



113.9310, 49.1470, 17.9070



202.2690, 18.4760, 6.5720



122.9800, 22.2290, 43.1970



98.6810, 11.3240, 4.0280



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



113.9310, 49.1470, 17.9070



133.0980, 76.8380, 28.1820



137.2970, 38.4680, -3.3240



80.6910, 5.3640, 1.9080



45.0780, 88.7580, 32.4220



6.8770, 13.7080, 4.8760

Inverse Universe

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



113.9310, 49.1470, 17.9070



133.0980, 76.8380, 28.1820



123.7030, -38.4680, 3.3240



80.6910, 5.3640, 1.9080



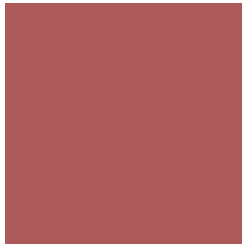
45.0780, 88.7580, 32.4220



6.8770, 13.7080, 4.8760

Previews

White Background



This preview shows how the YIQ color 113.9310, 49.1470, 17.9070 looks on a white background.

Color Contrast Check

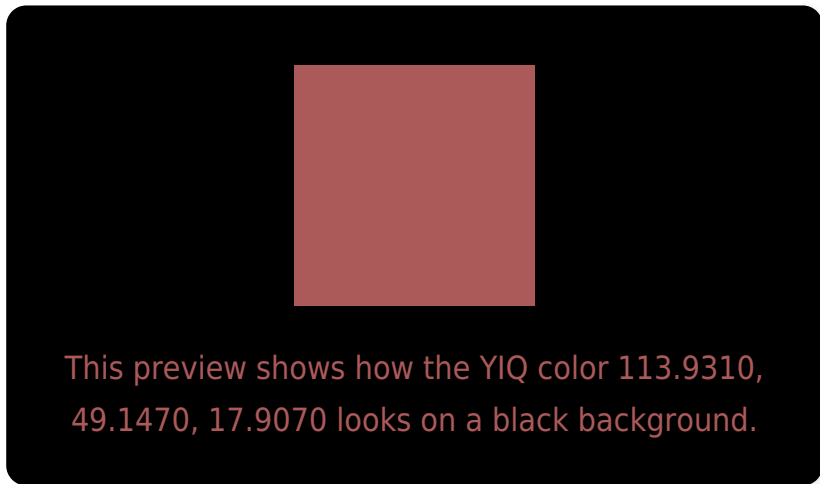
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

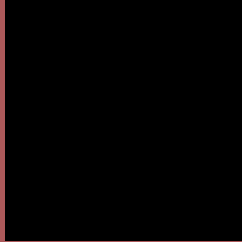
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 113.9310, 49.1470, 17.9070

Background



This preview shows how black text looks on a background with the YIQ color 113.9310, 49.1470, 17.9070.

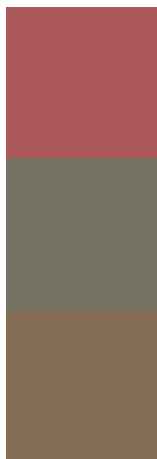


This preview shows how white text looks on a background with the YIQ color 113.9310, 49.1470,

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

113.9310, 49.1470, 17.9070

Protanopia

114.1270, 6.8320, -2.6720

Deuteranopia

113.9670, 21.9620, -1.5420



Tritanopia

113.9140, 47.8170, 19.9850

Trichromacy



Original Color

113.9310, 49.1470, 17.9070

Protanomaly

114.0690, 21.9150, 4.8190

Deuteranomaly

114.1580, 31.9100, 5.3980

Tritanomaly

113.6860, 48.4590, 19.3630

Monochromacy



Original Color

113.9310, 49.1470, 17.9070

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.9700, 17.8800, 6.3600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.9310, 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(172, 89, 90)` looks like.

```
.text, #text, p{  
    color:rgb(172, 89, 90)  
}
```

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(172, 89, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 89, 90) }
```

Border

The CSS property to change the border of an element to YIQ 113.9310, 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(172, 89, 90) }
```


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

```
.border{ border-color:rgb(172, 89, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 89, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 89, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 89, 90);  
box-shadow:4px 4px 4px 4px rgb(172, 89,  
90) }
```

Background

The CSS property to change the background color of an element to YIQ 113.9310, 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(172, 89, 90) }
```

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

```
.background{ background-color: rgb(172, 89,  
90) }
```

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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