

Converting Colors

YIQ(153.9490, 31.5410, 17.5970)

Have a look what the booklet for
YIQ(153.9490, 31.5410, 17.5970)
contains.

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Color

**YIQ(153.9490, 31.5410,
17.5970)**

Conversions

Conversions Part 1

Format	Color
Hex	C38695
RGB	195, 134, 149
RGB Percent	76%, 53%, 58%
CMY	0.2351, 0.4746, 0.4156
CMYK	0.00, 0.31, 0.24, 0.24
HSL	345°, 34%, 65%
HSV	345°, 31%, 76%
XYZ	36.4645, 30.8213, 32.4731
YIQ	153.9490, 31.5410, 17.5970

Conversions

Conversions Part 2

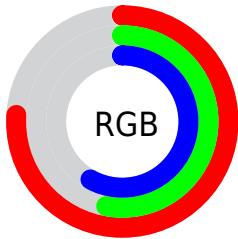
Format	Color
RYB	195, 134, 149
Decimal	12813973
CIELab	62.36, 25.57, 1.47
CIElCh	62, 25.612, 3.298
Yxy	30.8213, 0.3655, 0.3090
Android (android.graphics.Color)	4291004053 (0xFFC38695)
YUV	153.9490, -2.4399, 36.0017
Hunter-Lab	55.5170, 20.0874, 4.1818

Details

The YIQ color **153.9490, 31.5410, 17.5970** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **175.0510, -31.5410, -17.5970**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **209.1450, 33.9250, 18.4450**, and **102.3400, 28.8820, 16.2260** is the 20% darker color. If you saturate the color by 10%, you get **140.4990, 41.8560, 23.3920**, and if you desaturate by 10%, it is **166.8120, 21.5010, 12.3250**.

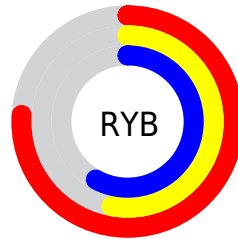
Distribution



Red (76%)

Green (53%)

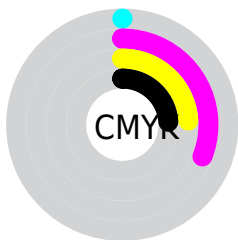
Blue (58%)



Red (76%)

Yellow (53%)

Blue (58%)

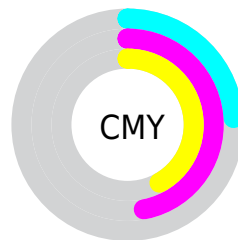


Cyan (0%)

Magenta (31%)

Yellow (24%)

Black (24%)



Cyan (24%)


Magenta (47%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 153.9490, 31.5410, 17.5970 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 153.9490, 31.5410, 17.5970 by changing the saturation by 10% instead.


 153.9490, 31.5410,
17.5970


 153.9490, 31.5410,
17.5970


255.0000, -0.0000,
-0.0000

 127.3510, 30.3490,
17.1730


 209.1450, 33.9250,
18.4450


 101.7530, 29.1570,
16.7490


 229.3710, 18.4290,
12.9330

 77.8560, 27.3690,
16.1130

 248.5430, 3.0250,
5.7530

 53.9590, 25.5810,
15.4770

 30.5890, 23.7470,
15.6750

 13.2420, 23.1060,
10.7700

 0.0000, 0.0000,

0.0000

■ 153.9490, 31.5410,
17.5970

■ 153.9490, 31.5410,
17.5970

■ 140.4990, 41.8560,
23.3920

■ 166.8120, 21.5010,
12.3250

■ 127.7500, 51.5750,
28.9750

■ 180.1480, 11.5070,
6.2190

■ 114.3000, 61.8900,
34.7700

■ 193.0110, 1.4670,
0.9470

■ 101.4370, 71.9300,
40.0420

■ 206.4610, -8.8480,
-4.8480

■ 88.1010, 81.9240,
46.1480

■ 219.3240,
-18.8880, -10.1200

■ 75.2380, 91.9640,
51.4200

■ 232.6600,
-28.8820, -16.2260

■ 63.7770, 100.8120,
56.2680

■ 236.7180,
-34.7970, -13.6530

■ 237.0600,
-35.7600, -12.7200

Harmonies

Analogous

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



154.4450, 15.5850, 20.4250



153.9490, 31.5410, 17.5970



152.6150, 38.0530, 9.7090

Triad

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



153.9490, 31.5410, 17.5970



146.7870, 4.3130, -17.5990



143.5120, -48.4160, -3.6160

Complementary

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



153.9490, 31.5410, 17.5970



175.0510, -31.5410, -17.5970

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.



138.9640, -53.0450, -13.3410



153.9490, 31.5410, 17.5970



143.4130, -18.0610, -19.6050

Square

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



153.9490, 31.5410, 17.5970



149.3550, 23.3850, -10.8150



140.0330, -40.2980, -18.5860



148.9430, -30.2160, 7.9600

Rectangle

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



153.9490, 31.5410, 17.5970



151.8010, 37.2290, 2.6130



140.0330, -40.2980, -18.5860



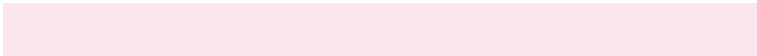
141.1370, -51.8540, -7.3900

Sweetspot

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



153.9490, 31.5410, 17.5970



237.1480, 11.5070, 6.2190



154.7080, 7.8350, 28.7230



117.9410, 7.6560, 4.4240



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.



153.9490, 31.5410, 17.5970



188.0270, 49.2370, 27.2930



161.0440, 32.2310, 5.0870



90.3320, 4.9970, 3.0530



52.6990, 83.1160, 46.5720



10.7790, 17.1000, 9.4840

Inverse Universe

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



153.9490, 31.5410, 17.5970



188.0270, 49.2370, 27.2930



167.9560, -32.2310, -5.0870



90.3320, 4.9970, 3.0530



52.6990, 83.1160, 46.5720



10.7790, 17.1000, 9.4840

Previews

White Background



This preview shows how the YIQ color 153.9490, 31.5410, 17.5970 looks on a white background.

Color Contrast Check

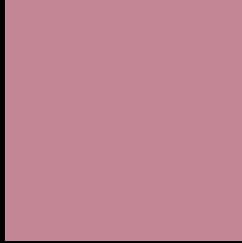
Large Text (above 18pt) WCAG AA × Fail

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 153.9490, 31.5410, 17.5970 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 153.9490, 31.5410, 17.5970

Background



This preview shows how black text looks on a background with the YIQ color 153.9490, 31.5410, 17.5970.



This preview shows how white text looks on a background with the YIQ color 153.9490, 31.5410,

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

153.9490, 31.5410, 17.5970

Protanopia

151.5100, -1.3760, 2.9120

Deuteranopia

152.3930, 12.1950, 4.7630



Tritanopia

154.0800, 32.5500, 15.8300

Trichromacy



Original Color

153.9490, 31.5410, 17.5970

Protanomaly

152.4300, 10.7730, 8.5090

Deuteranomaly

153.1490, 18.9340, 9.2860

Tritanomaly

154.1940, 32.2290, 16.1410

Monochromacy



Original Color

153.9490, 31.5410, 17.5970

Achromatopsia

154.0000, -0.0000, -0.0000

Achromatomaly

154.1480, 11.5070, 6.2190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.9490, 31.5410, 17.5970 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(195, 134, 149)` looks like.

```
.text, #text, p{  
    color:rgb(195, 134, 149)  
}
```

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(195, 134, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 134, 149) }
```

Border

The CSS property to change the border of an element to YIQ 153.9490, 31.5410, 17.5970 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(195, 134, 149) }
```


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

```
.border{ border-color:rgb(195, 134, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 134, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 134, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 134, 149); box-shadow:4px 4px 4px 4px rgb(195, 134, 149) }
```

Background

The CSS property to change the background color of an element to YIQ 153.9490, 31.5410, 17.5970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 134, 149) }
```

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

```
.background{ background-color: rgb(195,  
134, 149) }
```

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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