

Converting Colors

YIQ(133.0510, 31.4940, 23.9580)

Have a look what the booklet for
YIQ(133.0510, 31.4940, 23.9580)
contains.

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Color

**YIQ(133.0510, 31.4940,
23.9580)**

Conversions

Conversions Part 1

Format	Color
Hex	B26D8B
RGB	178, 109, 139
RGB Percent	70%, 43%, 55%
CMY	0.3018, 0.5726, 0.4548
CMYK	0.00, 0.39, 0.22, 0.30
HSL	334°, 31%, 56%
HSV	334°, 39%, 70%
XYZ	28.4985, 22.2664, 27.2319
YIQ	133.0510, 31.4940, 23.9580

Conversions

Conversions Part 2

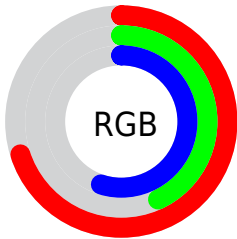
Format	Color
R _Y B	178, 109, 139
Decimal	11693451
CIE Lab	54.31, 31.60, -4.79
CIE LCh	54, 31.962, 351.385
Yxy	22.2664, 0.3654, 0.2855
Android (android.graphics.Color)	4289883531 (0xFFB26D8B)
YUV	133.0510, 2.9329, 39.4203
Hunter-Lab	47.1873, 25.2260, -1.1852

Details

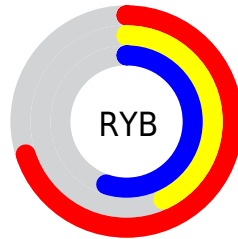
The YIQ color **133.0510, 31.4940, 23.9580** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **153.9490, -31.4940, -23.9580**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.2470, 33.8780, 24.8060**, and **81.8550, 29.1100, 23.1100** is the 20% darker color. If you saturate the color by 10%, you get **121.3450, 39.6540, 30.2620**, and if you desaturate by 10%, it is **144.7570, 23.3340, 17.6540**.

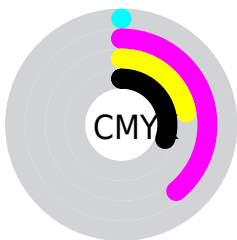
Distribution



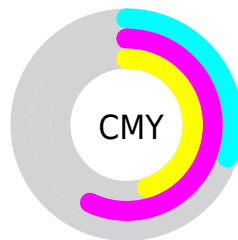
- Red (70%)
- Green (43%)
- Blue (55%)



- Red (70%)
- Yellow (43%)
- Blue (55%)



- Cyan (0%)
- Magenta (39%)
- Yellow (22%)
- Black (30%)





- Cyan (30%)
- Magenta (57%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.0510, 31.4940, 23.9580 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 133.0510, 31.4940, 23.9580 by changing the saturation by 10% instead.


 133.0510, 31.4940,
23.9580


 133.0510, 31.4940,
23.9580


255.0000, -0.0000,
-0.0000


 107.4530, 30.3020,
23.5340


 187.2470, 33.8780,
24.8060


 81.8550, 29.1100,
23.1100


 212.2680, 29.3850,
23.6330


 57.9580, 27.3220,
22.4740

 232.0100, 12.3760,
18.0080

 32.4140, 26.0380,
23.7180

 249.7170, 2.4750,
4.7070

 16.9740, 21.2250,
17.3290

 5.0830, 10.1320,
3.6040

 0.0000, 0.0000,

0.0000

■ 133.0510, 31.4940,
23.9580

■ 133.0510, 31.4940,
23.9580

■ 121.3450, 39.6540,
30.2620

■ 144.7570, 23.3340,
17.6540

■ 109.6390, 47.8140,
36.5660

■ 156.4630, 15.1740,
11.3500

■ 98.5200, 55.6990,
42.3470

■ 167.5820, 7.2890,
5.5690

■ 86.8140, 63.8590,
48.6510

■ 179.2880, -0.8710,
-0.7350

■ 75.1080, 72.0190,
54.9550

■ 190.9940, -9.0310,
-7.0390

■ 63.4020, 80.1790,
61.2590

■ 202.7000,
-17.1910, -13.3430

■ 62.0000, 81.3710,
61.6830

■ 214.4060,
-25.3510, -19.6470

■ 225.5250,
-33.2360, -25.4280

■ 229.1270,
-37.8670, -24.0990

Harmonies

Analogous

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



133.8450, 8.7070, 23.9310



133.0510, 31.4940, 23.9580



131.6530, 44.0580, 16.5220

Triad

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



133.0510, 31.4940, 23.9580



125.7080, 14.7210, -18.9990



106.8600, -85.0470, -17.0710

Complementary

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



133.0510, 31.4940, 23.9580



153.9490, -31.4940, -23.9580

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.



103.0090, -84.4490, -27.9130



133.0510, 31.4940, 23.9580



122.1870, -11.7330, -24.1570

Square

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



133.0510, 31.4940, 23.9580



128.2700, 33.9300, -9.1900



115.9630, -43.2770, -25.1730



122.3470, -52.0850, 2.3070

Rectangle

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



133.0510, 31.4940, 23.9580



130.6820, 45.1140, 8.3940



115.9630, -43.2770, -25.1730



102.7510, -92.2900, -23.4740

Sweetspot

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



133.0510, 31.4940, 23.9580



213.7400, 12.8360, 9.6680



128.2280, 0.4990, 29.5150



106.5820, 7.2890, 5.5690



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



133.0510, 31.4940, 23.9580



160.9490, 49.8770, 37.7250



131.3920, 40.2990, 13.0590



83.1470, 4.0800, 3.1520



53.3850, 69.6810, 53.2730



9.0280, 11.9650, 8.9330

Inverse Universe

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



133.0510, 31.4940, 23.9580



160.9490, 49.8770, 37.7250



155.6080, -40.2990, -13.0590



83.1470, 4.0800, 3.1520



53.3850, 69.6810, 53.2730



9.0280, 11.9650, 8.9330

Previews

White Background



This preview shows how the YIQ color 133.0510, 31.4940, 23.9580 looks on a white background.

Color Contrast Check

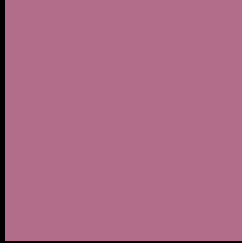
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.0510, 31.4940, 23.9580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

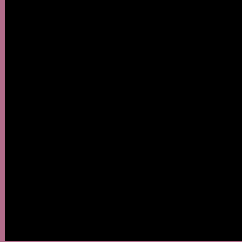
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 133.0510, 31.4940, 23.9580

Background



This preview shows how black text looks on a background with the YIQ color 133.0510, 31.4940, 23.9580.



This preview shows how white text looks on a background with the YIQ color 133.0510, 31.4940,

23.9580.

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

133.0510, 31.4940, 23.9580

Protanopia

130.7250, -9.1710, 6.5170

Deuteranopia

131.3260, 5.1340, 6.0780



Tritanopia

132.1620, 35.2550, 16.3670

Trichromacy



Original Color

133.0510, 31.4940, 23.9580

Protanomaly

131.7270, 5.6830, 12.6510

Deuteranomaly

132.1040, 14.8070, 12.4950

Tritanomaly

132.6720, 33.8790, 19.2790

Monochromacy



Original Color

133.0510, 31.4940, 23.9580

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.7290, 11.3690, 8.7210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.0510, 31.4940, 23.9580 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(178, 109, 139)` looks like.

```
.text, #text, p{  
    color:rgb(178, 109, 139)  
}
```

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(178, 109, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 109, 139) }
```

Border

The CSS property to change the border of an element to YIQ 133.0510, 31.4940, 23.9580 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(178, 109, 139) }
```


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

```
.border{ border-color:rgb(178, 109, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 109, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 109, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 109, 139);  
box-shadow:4px 4px 4px 4px rgb(178, 109,  
139) }
```

Background

The CSS property to change the background color of an element to YIQ 133.0510, 31.4940, 23.9580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 109, 139) }
```

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

```
.background{ background-color: rgb(178,  
109, 139) }
```

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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