

Converting Colors

YIQ(133.1330, 34.1990, 24.4950)

Have a look what the booklet for
YIQ(133.1330, 34.1990, 24.4950)
contains.

YIQ(133.1330, 34.1990, 24.4950)	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(133.1330, 34.1990,
24.4950)**

Conversions

Conversions Part 1

Format	Color
Hex	B56C89
RGB	181, 108, 137
RGB Percent	71%, 42%, 54%
CMY	0.2900, 0.5766, 0.4626
CMYK	0.00, 0.40, 0.24, 0.29
HSL	336°, 33%, 57%
HSV	336°, 40%, 71%
XYZ	28.9443, 22.3553, 26.4673
YIQ	133.1330, 34.1990, 24.4950

Conversions

Conversions Part 2

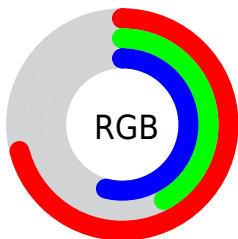
Format	Color
R_{YB}	181, 108, 137
Decimal	11889801
CIE _{Lab}	54.40, 32.93, -3.44
CIE _{LCh}	54, 33.113, 354.044
Yxy	22.3553, 0.3722, 0.2875
Android (android.graphics.Color)	4290079881 (0xFFB56C89)
YUV	133.1330, 1.9064, 41.9794
Hunter-Lab	47.2814, 26.5300, -0.0925

Details

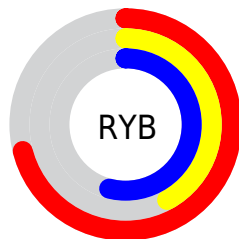
The YIQ color **133.1330, 34.1990, 24.4950** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **155.8670, -34.1990, -24.4950**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.3290, 36.5830, 25.3430**, and **81.6380, 31.2190, 23.4350** is the 20% darker color. If you saturate the color by 10%, you get **121.3130, 42.6800, 30.4880**, and if you desaturate by 10%, it is **144.9530, 25.7180, 18.5020**.

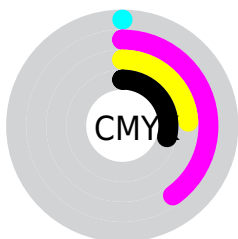
Distribution



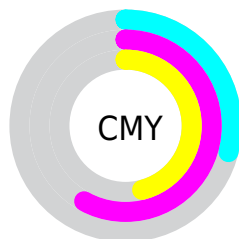
- Red (71%)
- Green (42%)
- Blue (54%)



- Red (71%)
- Yellow (42%)
- Blue (54%)



- Cyan (0%)
- Magenta (40%)
- Yellow (24%)
- Black (29%)





- Cyan (29%)
- Magenta (58%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.1330, 34.1990, 24.4950 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 133.1330, 34.1990, 24.4950 by changing the saturation by 10% instead.


 133.1330, 34.1990,
24.4950


 133.1330, 34.1990,
24.4950


255.0000, -0.0000,
-0.0000


 107.2360, 32.4110,
23.8590


 187.3290, 36.5830,
25.3430


 81.6380, 31.2190,
23.4350


 211.4530, 30.3020,
23.5340


 57.1540, 29.7060,
23.3220

 231.1950, 13.2930,
17.9090

 31.0230, 28.6970,
25.0890

 249.1300, 2.7500,
5.2300

 17.4580, 22.7380,
17.4420

 5.9800, 11.9200,
4.2400

 0.0000, 0.0000,

0.0000

■ 133.1330, 34.1990,
24.4950

■ 133.1330, 34.1990,
24.4950

■ 121.3130, 42.6800,
30.4880

■ 144.9530, 25.7180,
18.5020

■ 109.4930, 51.1610,
36.4810

■ 156.7730, 17.2370,
12.5090

■ 97.6730, 59.6420,
42.4740

■ 168.5930, 8.7560,
6.5160

■ 85.8530, 68.1230,
48.4670

■ 180.4130, 0.2750,
0.5230

■ 73.4460, 76.8790,
54.9830

■ 192.2330, -8.2060,
-5.4700

■ 62.3270, 84.7640,
60.7640

■ 204.5260,
-16.6410, -12.2970

■ 216.3460,
-25.1220, -18.2900

■ 228.1660,
-33.6030, -24.2830

■ 230.5940,
-37.6840, -21.9080

Harmonies

Analogous

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



133.7530, 11.9620, 25.5140



133.1330, 34.1990, 24.4950



131.6100, 45.6170, 15.8010

Triad

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



133.1330, 34.1990, 24.4950



125.3980, 12.6580, -20.1580



103.4180, -95.5460, -19.5300

Complementary

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



133.1330, 34.1990, 24.4950



155.8670, -34.1990, -24.4950

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.



102.4430, -88.6670, -28.5630



133.1330, 34.1990, 24.4950



121.8060, -15.0340, -24.9060

Square

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



133.1330, 34.1990, 24.4950



128.3300, 33.7010, -10.5470



114.3860, -48.9620, -26.7700



123.2870, -51.8560, 3.6640

Rectangle

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



133.1330, 34.1990, 24.4950



130.6390, 46.6730, 7.6730



114.3860, -48.9620, -26.7700



103.2070, -93.5740, -22.2300

Sweetspot

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



133.1330, 34.1990, 24.4950



216.0390, 13.4320, 9.8800



129.4780, 2.7910, 32.0310



106.4680, 7.6100, 5.2580



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.



133.1330, 34.1990, 24.4950



160.9170, 52.9030, 37.9510



133.9360, 41.5830, 11.8150



83.1470, 4.0800, 3.1520



52.7010, 71.6070, 51.4070



8.9140, 12.2860, 8.6220

Inverse Universe

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



133.1330, 34.1990, 24.4950



160.9170, 52.9030, 37.9510



155.0640, -41.5830, -11.8150



83.1470, 4.0800, 3.1520



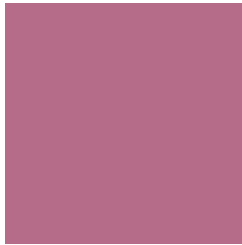
52.7010, 71.6070, 51.4070



8.9140, 12.2860, 8.6220

Previews

White Background



This preview shows how the YIQ color 133.1330, 34.1990, 24.4950 looks on a white background.

Color Contrast Check

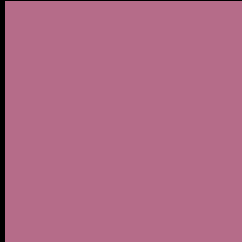
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.1330, 34.1990, 24.4950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

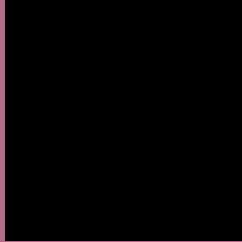
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 133.1330, 34.1990, 24.4950

Background



This preview shows how black text looks on a background with the YIQ color 133.1330, 34.1990, 24.4950.



This preview shows how white text looks on a background with the YIQ color 133.1330, 34.1990,

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

133.1330, 34.1990, 24.4950

Protanopia

131.3830, -8.2080, 5.5840

Deuteranopia

132.2830, 6.6930, 5.3570



Tritanopia

132.2440, 37.9600, 16.9040

Trichromacy



Original Color

133.1330, 34.1990, 24.4950

Protanomaly

132.0970, 7.5170, 12.4530

Deuteranomaly

132.4740, 16.6410, 12.2970

Tritanomaly

132.7540, 36.5840, 19.8160

Monochromacy



Original Color

133.1330, 34.1990, 24.4950

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.9140, 12.2860, 8.6220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.1330, 34.1990, 24.4950 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(181, 108, 137)` looks like.

```
.text, #text, p{  
    color:rgb(181, 108, 137)  
}
```

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(181, 108, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 108, 137) }
```

Border

The CSS property to change the border of an element to YIQ 133.1330, 34.1990, 24.4950 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(181, 108, 137) }
```


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

```
.border{ border-color:rgb(181, 108, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 108, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 108, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 108, 137); box-shadow:4px 4px 4px 4px rgb(181, 108, 137) }
```

Background

The CSS property to change the background color of an element to YIQ 133.1330, 34.1990, 24.4950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 108, 137) }
```

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

```
.background{ background-color: rgb(181,  
108, 137) }
```

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