

Converting Colors

YIQ(133.4210, 34.4690, 52.6530)

Have a look what the booklet for
YIQ(133.4210, 34.4690, 52.6530)
contains.

YIQ(133.4210, 34.4690, 52.6530)	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(133.4210, 34.4690,
52.6530)**

Conversions

Conversions Part 1

Format	Color
Hex	C75AB9
RGB	199, 90, 185
RGB Percent	78%, 35%, 73%
CMY	0.2193, 0.6472, 0.2744
CMYK	0.00, 0.55, 0.07, 0.22
HSL	308°, 49%, 57%
HSV	308°, 55%, 78%
XYZ	35.9857, 22.9613, 48.4432
YIQ	133.4210, 34.4690, 52.6530

Conversions

Conversions Part 2

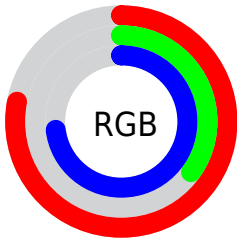
Format	Color
R _{YB}	199, 90, 185
Decimal	13064889
CIE Lab	55.03, 55.54, -30.21
CIE LCh	55, 63.226, 331.456
Yxy	22.9613, 0.3351, 0.2138
Android (android.graphics.Color)	4291254969 (0xFFC75AB9)
YUV	133.4210, 25.4284, 57.5128
Hunter-Lab	47.9180, 50.1945, -26.3973

Details

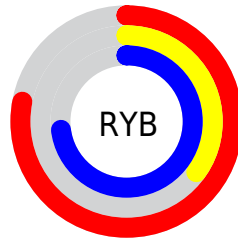
The YIQ color **133.4210, 34.4690, 52.6530** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **155.5790, -34.4690, -52.6530**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.8340, 34.7440, 53.1760**, and **76.8770, 33.1850, 53.8970** is the 20% darker color. If you saturate the color by 10%, you get **121.3390, 40.9320, 62.1800**, and if you desaturate by 10%, it is **145.5030, 28.0060, 43.1260**.

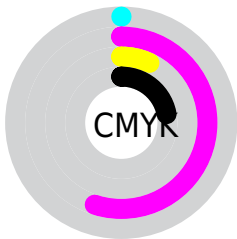
Distribution



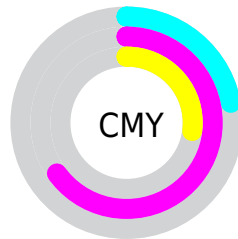
- Red (78%)
- Green (35%)
- Blue (73%)



- Red (78%)
- Yellow (35%)
- Blue (73%)



- Cyan (0%)
- Magenta (55%)
- Yellow (7%)
- Black (22%)



- Cyan (22%)
- Magenta (65%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.4210, 34.4690, 52.6530 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 133.4210, 34.4690, 52.6530 by changing the saturation by 10% instead.

133.4210, 34.4690,
52.6530

133.4210, 34.4690,
52.6530

255.0000, -0.0000,
-0.0000

105.8230, 33.2770,
52.2290

188.8340, 34.7440,
53.1760

76.8770, 33.1850,
53.8970

206.8660, 22.5500,
42.8860

46.4690, 34.5140,
57.3460

223.3020, 14.8500,
28.2420

35.6600, 26.1260,
44.1580

240.3250, 6.8750,
13.0750

25.1500, 18.3340,
31.1820

15.1670, 10.4960,
19.0400

1.2540, -3.5310,

3.4210

■ 0.0000, 0.0000,
0.0000

■ 133.4210, 34.4690,
52.6530

■ 133.4210, 34.4690,
52.6530

■ 121.3390, 40.9320,
62.1800

■ 145.5030, 28.0060,
43.1260

■ 109.3710, 47.0740,
72.0180

■ 157.4710, 21.8640,
33.2880

■ 97.2890, 53.5370,
81.5450

■ 169.5530, 15.4010,
23.7610

■ 85.3210, 59.6790,
91.3830

■ 181.5210, 9.2590,
13.9230

■ 79.2230, 63.0710,
95.9910

■ 193.6030, 2.7960,
4.3960

■ 204.9840, -3.0710,
-4.9190

■ 217.0660, -9.5340,
-14.4460

■ 229.1480,
-15.9970, -23.9730

■ 232.8980,
-18.2890, -26.4890

Harmonies

Analogous

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



133.6230, -25.1780, 37.8140



133.4210, 34.4690, 52.6530



126.2450, 72.8910, 50.1630

Triad

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



133.4210, 34.4690, 52.6530



122.6550, 56.6300, -35.1300



113.0040, -103.2480, -23.1200

Complementary

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



133.4210, 34.4690, 52.6530



155.5790, -34.4690, -52.6530

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.



107.3210, -85.8680, -40.7480



133.4210, 34.4690, 52.6530



117.5230, 12.6630, -47.7930

Square

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



133.4210, 34.4690, 52.6530



126.4910, 78.7240, -6.0120



98.4750, -66.4710, -56.3830



114.6290, -114.7130, -8.0650

Rectangle

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



133.4210, 34.4690, 52.6530



125.3750, 83.6680, 36.5640



98.4750, -66.4710, -56.3830



111.5390, -97.7450, -29.2410

Sweetspot

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



133.4210, 34.4690, 52.6530



230.3630, 12.8800, 19.8880



106.3130, -27.2410, 36.6550



112.8690, 8.1590, 11.8310



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.



133.4210, 34.4690, 52.6530



153.8760, 53.2620, 81.0220



127.3790, 51.4820, 36.1700



93.6030, 2.7960, 4.3960



64.9250, 51.5660, 78.7180



14.2980, 11.5050, 17.2730

Inverse Universe

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



133.4210, 34.4690, 52.6530



153.8760, 53.2620, 81.0220



161.6210, -51.4820, -36.1700



93.6030, 2.7960, 4.3960



64.9250, 51.5660, 78.7180



14.2980, 11.5050, 17.2730

Previews

White Background



This preview shows how the YIQ color 133.4210, 34.4690, 52.6530 looks on a white background.

Color Contrast Check

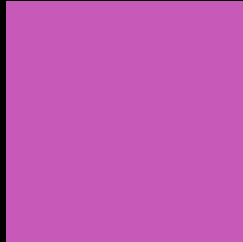
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.4210, 34.4690, 52.6530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

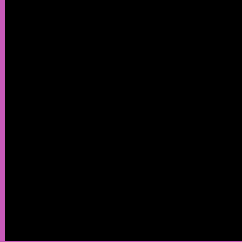
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 133.4210, 34.4690, 52.6530

Background



This preview shows how black text looks on a background with the YIQ color 133.4210, 34.4690, 52.6530.



This preview shows how white text looks on a background with the YIQ color 133.4210, 34.4690,

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

133.4210, 34.4690, 52.6530

Protanopia

129.5780, -47.6410, 20.8950

Deuteranopia

132.1830, -21.9640, 12.5960



Tritanopia

133.0280, 47.4960, 20.2960

Trichromacy



Original Color

133.4210, 34.4690, 52.6530



Protanomaly

131.0550, -17.8870, 32.3290



Deuteranomaly

132.3910, -1.5180, 27.5220



Tritanomaly

133.2530, 42.9090, 31.8450

Monochromacy



Original Color

133.4210, 34.4690, 52.6530



Achromatopsia

133.0000, 0.0000, 0.0000



Achromatomaly

132.9500, 12.6050, 19.3650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.4210, 34.4690, 52.6530 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(199, 90, 185)` looks like.

```
.text, #text, p{  
    color:rgb(199, 90, 185)  
}
```

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(199, 90, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 90, 185) }
```

Border

The CSS property to change the border of an element to YIQ 133.4210, 34.4690, 52.6530 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(199, 90, 185) }
```


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

```
.border{ border-color:rgb(199, 90, 185) }
```

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

Here you see how a box with a 4 pixel rgb(199, 90, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 90, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 90, 185);  
box-shadow:4px 4px 4px 4px rgb(199, 90,  
185) }
```

Background

The CSS property to change the background color of an element to YIQ 133.4210, 34.4690, 52.6530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 90, 185) }
```

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

```
.background{ background-color: rgb(199, 90,  
185) }
```

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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