

Converting Colors

YIQ(123.0670, 34.5650, 28.8770)

Have a look what the booklet for
YIQ(123.0670, 34.5650, 28.8770)
contains.

YIQ(123.0670, 34.5650, 28.8770)	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(123.0670, 34.5650,
28.8770)**

Conversions

Conversions Part 1

Format	Color
Hex	AE5F86
RGB	174, 95, 134
RGB Percent	68%, 37%, 53%
CMY	0.3174, 0.6276, 0.4744
CMYK	0.00, 0.45, 0.23, 0.32
HSL	330°, 33%, 53%
HSV	330°, 45%, 68%
XYZ	25.8618, 18.9053, 24.8503
YIQ	123.0670, 34.5650, 28.8770

Conversions

Conversions Part 2

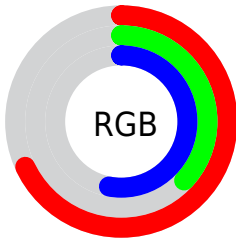
Format	Color
R_{YB}	174, 95, 134
Decimal	11427718
CIE _{Lab}	50.58, 37.03, -7.44
CIE _{LCh}	51, 37.772, 348.645
Yxy	18.9053, 0.3715, 0.2716
Android (android.graphics.Color)	4289617798 (0xFFAE5F86)
YUV	123.0670, 5.3900, 44.6682
Hunter-Lab	43.4803, 30.0804, -3.4498

Details

The YIQ color **123.0670, 34.5650, 28.8770** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **145.9330, -34.5650, -28.8770**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.6760, 37.2240, 30.2480**, and **71.5720, 31.5850, 27.8170** is the 20% darker color. If you saturate the color by 10%, you get **112.0620, 42.1290, 34.9690**, and if you desaturate by 10%, it is **134.0720, 27.0010, 22.7850**.

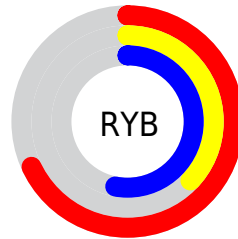
Distribution



Red (68%)

Green (37%)

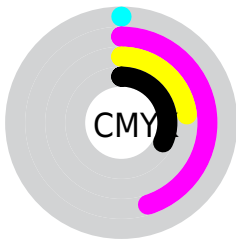
Blue (53%)



Red (68%)

Yellow (37%)

Blue (53%)

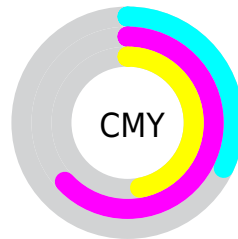


Cyan (0%)

Magenta (45%)

Yellow (23%)

Black (32%)



Cyan (32%)


Magenta (63%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 123.0670, 34.5650, 28.8770 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 123.0670, 34.5650, 28.8770 by changing the saturation by 10% instead.


 123.0670, 34.5650,
28.8770


 123.0670, 34.5650,
28.8770


255.0000, -0.0000,
-0.0000


 97.1700, 32.7770,
28.2410


 176.6760, 37.2240,
30.2480


 71.5720, 31.5850,
27.8170


 202.8930, 35.1150,
29.9230

 45.9140, 30.6220,
28.7500

 222.5210, 18.4270,
23.9870

 24.8920, 27.6880,
26.8560

 240.9120, 6.6000,
12.5520

 15.9200, 21.3170,
15.6610

 0.0000, 0.0000,
0.0000

123.0670, 34.5650,
28.8770

123.0670, 34.5650,
28.8770

112.0620, 42.1290,
34.9690

134.0720, 27.0010,
22.7850

100.4700, 49.9680,
41.5840

145.6640, 19.1620,
16.1700

89.5790, 57.2110,
47.9870

156.5550, 11.9190,
9.7670

77.9870, 65.0500,
54.6020

168.1470, 4.0800,
3.1520

66.9820, 72.6140,
60.6940

179.1520, -3.4840,
-2.9400


61.8300, 76.0980,
63.6340

190.1570,
-11.0480, -9.0320

201.7490,
-18.8870, -15.6470

212.7540,

-26.4510, -21.7390

 224.2320,
-33.9690, -28.6650

Harmonies

Analogous

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



123.8820, 7.2850, 27.6770



123.0670, 34.5650, 28.8770



120.9250, 49.2840, 20.9320

Triad

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



123.0670, 34.5650, 28.8770



115.7530, 18.8480, -22.2080



97.8100, -90.7780, -17.8340

Complementary

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



123.0670, 34.5650, 28.8770



145.9330, -34.5650, -28.8770

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.



96.3790, -82.6150, -28.1110



123.0670, 34.5650, 28.8770



110.9650, -11.2280, -27.8040

Square

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



123.0670, 34.5650, 28.8770



118.1520, 40.0740, -10.4060



99.8040, -56.2510, -32.3390



103.1850, -78.1720, -3.9960

Rectangle

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



123.0670, 34.5650, 28.8770



120.3840, 51.9450, 11.2490



99.8040, -56.2510, -32.3390



97.4850, -88.4850, -20.8450

Sweetspot

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



123.0670, 34.5650, 28.8770



206.3920, 13.9360, 11.7600



115.9660, -1.5190, 33.0490



102.1200, 8.7100, 7.3500



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



123.0670, 34.5650, 28.8770



146.4430, 54.5980, 45.7820



118.6210, 47.0840, 16.7480



81.1470, 4.0800, 3.1520



53.2860, 65.6460, 54.8140



8.1310, 10.1770, 8.2970

Inverse Universe

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



123.0670, 34.5650, 28.8770



146.4430, 54.5980, 45.7820



150.3790, -47.0840, -16.7480



81.1470, 4.0800, 3.1520



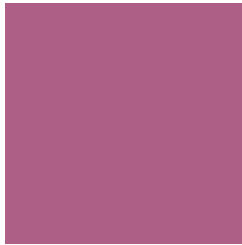
53.2860, 65.6460, 54.8140



8.1310, 10.1770, 8.2970

Previews

White Background



This preview shows how the YIQ color 123.0670, 34.5650, 28.8770 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 123.0670, 34.5650, 28.8770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

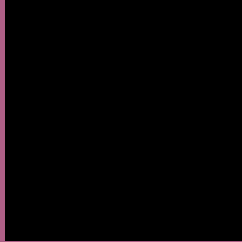
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 123.0670, 34.5650, 28.8770

Background



This preview shows how black text looks on a background with the YIQ color 123.0670, 34.5650, 28.8770.



This preview shows how white text looks on a background with the YIQ color 123.0670, 34.5650,

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

123.0670, 34.5650, 28.8770

Protanopia

121.6260, -13.2060, 8.0580

Deuteranopia

121.7710, 2.3830, 6.3750



Tritanopia

122.0270, 40.0690, 17.2290

Trichromacy



Original Color

123.0670, 34.5650, 28.8770

Protanomaly

122.2370, 4.3070, 15.5630

Deuteranomaly

122.2720, 14.3940, 14.4740

Tritanomaly

122.2920, 38.0050, 21.5970

Monochromacy



Original Color

123.0670, 34.5650, 28.8770

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

123.2670, 12.7900, 10.5020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.0670, 34.5650, 28.8770 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(174, 95, 134)` looks like.

```
.text, #text, p{  
    color:rgb(174, 95, 134)  
}
```

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(174, 95, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 95, 134) }
```

Border

The CSS property to change the border of an element to YIQ 123.0670, 34.5650, 28.8770 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(174, 95, 134) }
```


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

```
.border{ border-color:rgb(174, 95, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 95, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 95, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 95, 134);  
box-shadow:4px 4px 4px 4px rgb(174, 95,  
134) }
```

Background

The CSS property to change the background color of an element to YIQ 123.0670, 34.5650, 28.8770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 95, 134) }
```

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

```
.background{ background-color: rgb(174, 95,  
134) }
```

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