

Converting Colors

YIQ(106.8630, 26.6320, 34.9840)

Have a look what the booklet for
YIQ(106.8630, 26.6320, 34.9840)
contains.

YIQ(106.8630, 26.6320, 34.9840)	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(106.8630, 26.6320,
34.9840)**

Conversions

Conversions Part 1

Format	Color
Hex	9A4D89
RGB	154, 77, 137
RGB Percent	60%, 30%, 54%
CMY	0.3959, 0.6981, 0.4627
CMYK	0.00, 0.50, 0.11, 0.40
HSL	313°, 33%, 45%
HSV	313°, 50%, 60%
XYZ	20.5052, 13.9854, 25.2913
YIQ	106.8630, 26.6320, 34.9840

Conversions

Conversions Part 2

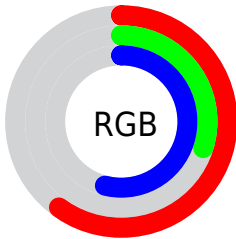
Format	Color
R_{YB}	154, 77, 137
Decimal	10112393
CIE _{Lab}	44.21, 40.34, -19.13
CIE _{LCh}	44, 44.649, 334.633
Yxy	13.9854, 0.3430, 0.2339
Android (android.graphics.Color)	4288302473 (0xFF9A4D89)
YUV	106.8630, 14.8575, 41.3391
Hunter-Lab	37.3970, 32.4287, -13.9194

Details

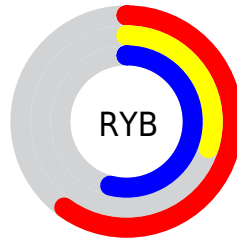
The YIQ color **106.8630, 26.6320, 34.9840** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **124.1370, -26.6320, -34.9840**, and the grayscale version is **107.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **160.2870, 28.3740, 36.4540**, and **55.3790, 25.1190, 34.8710** is the 20% darker color. If you saturate the color by 10%, you get **97.7160, 31.7200, 41.8960**, and if you desaturate by 10%, it is **116.0100, 21.5440, 28.0720**.

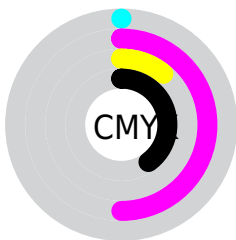
Distribution



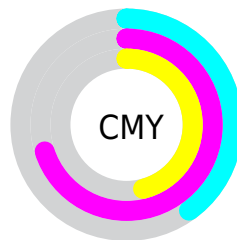
- Red (60%)
- Green (30%)
- Blue (54%)



- Red (60%)
- Yellow (30%)
- Blue (54%)



- Cyan (0%)
- Magenta (50%)
- Yellow (11%)
- Black (40%)



- Cyan (40%)
- Magenta (70%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 106.8630, 26.6320, 34.9840 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 106.8630, 26.6320, 34.9840 by changing the saturation by 10% instead.

■ 106.8630, 26.6320,
34.9840

■ 106.8630, 26.6320,
34.9840

■ 255.0000, -0.0000,
-0.0000

■ 81.2650, 25.4400,
34.5600

■ 160.2870, 28.3740,
36.4540

■ 55.3790, 25.1190,
34.8710

■ 187.2980, 29.8410,
37.4010

■ 29.6070, 24.4770,
35.4930

■ 211.8240, 22.3680,
35.1680

■ 19.9230, 17.2350,
23.5630

■ 229.1720, 12.1000,
23.0120

■ 9.4560, 7.8840,
11.3080

■ 246.1950, 4.1250,
7.8450

■ 0.0000, 0.0000,
0.0000

106.8630, 26.6320,
34.9840

106.8630, 26.6320,
34.9840

97.7160, 31.7200,
41.8960

116.0100, 21.5440,
28.0720

87.8680, 37.4040,
49.0200

125.8580, 15.8600,
20.9480

78.7210, 42.4920,
55.9320

135.0050, 10.7720,
14.0360

68.8730, 48.1760,
63.0560

144.8530, 5.0880,
6.9120

59.7260, 53.2640,
69.9680


154.0000, -0.0000,
-0.0000

163.1470, -5.0880,
-6.9120

172.9950,
-10.7720, -14.0360

182.1420,

-15.8600, -20.9480

 191.9900,
-21.5440, -28.0720

Harmonies

Analogous

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



106.7150, -11.2380, 27.4660



106.8630, 26.6320, 34.9840



103.6190, 50.5660, 30.7420

Triad

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



106.8630, 26.6320, 34.9840



99.8380, 34.6660, -22.5340



88.2580, -80.4160, -18.4000

Complementary

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



106.8630, 26.6320, 34.9840



124.1370, -26.6320, -34.9840

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.



84.0400, -68.5390, -29.9070



106.8630, 26.6320, 34.9840



95.2840, 3.8110, -30.5330

Square

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



106.8630, 26.6320, 34.9840



102.0720, 52.2230, -4.8090



81.8230, -49.2350, -38.3470



88.1730, -87.0660, -8.0100

Rectangle

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



106.8630, 26.6320, 34.9840



102.6440, 57.4450, 21.7090



81.8230, -49.2350, -38.3470



86.8900, -76.5640, -22.1320

Sweetspot

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



106.8630, 26.6320, 34.9840



182.7060, 10.1760, 13.8240



90.8610, -14.5850, 27.5510



90.9780, 6.2340, 8.1700



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



106.8630, 26.6320, 34.9840



127.5960, 41.3460, 54.6740



102.5310, 38.8300, 23.1660



72.0760, 2.8420, 3.5620



54.2860, 48.4510, 63.5790



5.0270, 4.5380, 5.8660

Inverse Universe

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



106.8630, 26.6320, 34.9840



127.5960, 41.3460, 54.6740



128.4690, -38.8300, -23.1660



72.0760, 2.8420, 3.5620



54.2860, 48.4510, 63.5790



5.0270, 4.5380, 5.8660

Previews

White Background



This preview shows how the YIQ color 106.8630, 26.6320, 34.9840 looks on a white background.

Color Contrast Check

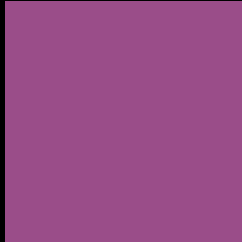
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 106.8630, 26.6320, 34.9840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

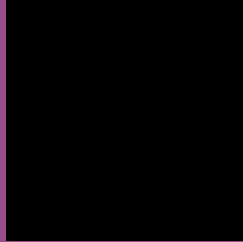
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 106.8630, 26.6320, 34.9840

Background



This preview shows how black text looks on a background with the YIQ color 106.8630, 26.6320, 34.9840.



This preview shows how white text looks on a background with the YIQ color 106.8630, 26.6320,

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

106.8630, 26.6320, 34.9840

Protanopia

104.3720, -26.8700, 13.4020

Deuteranopia

105.8220, -10.8220, 8.9060



Tritanopia

106.2220, 35.0260, 15.0100

Trichromacy



Original Color

106.8630, 26.6320, 34.9840

Protanomaly

105.4670, -7.8440, 21.0200

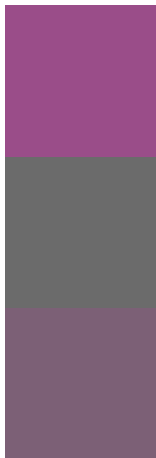
Deuteranomaly

106.3340, 2.6560, 17.9520

Tritanomaly

106.2960, 32.1820, 22.5020

Monochromacy



Original Color

106.8630, 26.6320, 34.9840

Achromatopsia

107.0000, -0.0000, 0.0000

Achromatomaly

106.8800, 9.6260, 12.7780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 106.8630, 26.6320, 34.9840 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(154, 77, 137)` looks like.

```
.text, #text, p{  
    color:rgb(154, 77, 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(154, 77, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 77, 137) }
```

Border

The CSS property to change the border of an element to YIQ 106.8630, 26.6320, 34.9840 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(154, 77, 137) }
```


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

```
.border{ border-color:rgb(154, 77, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 77, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 77, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 77, 137);  
box-shadow:4px 4px 4px 4px rgb(154, 77,  
137) }
```

Background

The CSS property to change the background color of an element to YIQ 106.8630, 26.6320, 34.9840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 77, 137) }
```

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

```
.background{ background-color: rgb(154, 77,  
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