

Converting Colors

YIQ(136.8740, 9.7630, 15.8030)

Have a look what the booklet for
YIQ(136.8740, 9.7630, 15.8030)
contains.

YIQ(136.8740, 9.7630, 15.8030)	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(136.8740, 9.7630,
15.8030)**

Conversions

Conversions Part 1

Format	Color
Hex	9C7C99
RGB	156, 124, 153
RGB Percent	61%, 49%, 60%
CMY	0.3881, 0.5138, 0.4000
CMYK	0.00, 0.21, 0.02, 0.39
HSL	306°, 14%, 55%
HSV	306°, 21%, 61%
XYZ	26.6710, 23.7823, 33.3235
YIQ	136.8740, 9.7630, 15.8030

Conversions

Conversions Part 2

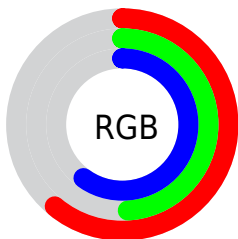
Format	Color
R _Y B	156, 124, 153
Decimal	10255513
CIE Lab	55.87, 17.56, -10.87
CIE LCh	56, 20.653, 328.250
Yxy	23.7823, 0.3184, 0.2839
Android (android.graphics.Color)	4288445593 (0xFF9C7C99)
YUV	136.8740, 7.9501, 16.7735
Hunter-Lab	48.7671, 12.2803, -6.3770

Details

The YIQ color $136.8740, 9.7630, 15.8030$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $143.1260, -9.7630, -15.8030$, and the grayscale version is $137.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $190.5860, 10.6340, 16.5380$, and $86.7490, 8.6170, 14.5450$ is the 20% darker color. If you saturate the color by 10%, you get $127.3680, 14.4840, 23.8600$, and if you desaturate by 10%, it is $146.3800, 5.0420, 7.7460$.

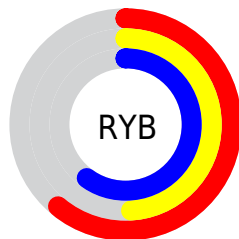
Distribution



Red (61%)

Green (49%)

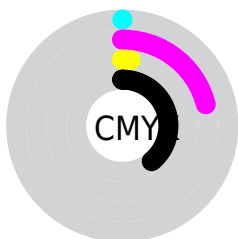
Blue (60%)



Red (61%)

Yellow (49%)

Blue (60%)

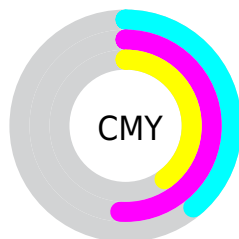


Cyan (0%)

Magenta (21%)

Yellow (2%)

Black (39%)



Cyan (39%)

Magenta (51%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.8740, 9.7630, 15.8030 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 136.8740, 9.7630, 15.8030 by changing the saturation by 10% instead.

■ 136.8740, 9.7630,
15.8030

■ 136.8740, 9.7630,
15.8030

255.0000, -0.0000,
-0.0000

■ 111.4610, 9.4880,
15.2800

■ 190.5860, 10.6340,
16.5380

■ 86.7490, 8.6170,
14.5450

■ 218.1130, 10.5880,
17.3720

■ 63.3360, 8.3420,
14.0220

■ 241.4990, 6.3250,
12.0290

■ 40.9230, 8.0670,
13.4990

■ 19.0370, 7.7460,
13.8100

■ 1.0260, -2.8890,
2.7990

■ 0.0000, 0.0000,

0.0000

■ 136.8740, 9.7630,
15.8030

■ 136.8740, 9.7630,
15.8030

■ 127.3680, 14.4840,
23.8600

■ 146.3800, 5.0420,
7.7460

■ 118.3350, 19.2510,
31.0830

■ 155.4130, 0.2750,
0.5230

■ 108.8290, 23.9720,
39.1400

■ 164.9190, -4.4460,
-7.5340

■ 99.7960, 28.7390,
46.3630

■ 173.9520, -9.2130,
-14.7570

■ 90.2900, 33.4600,
54.4200

■ 183.4580,
-13.9340, -22.8140

■ 80.6700, 38.5020,
62.1660

■ 193.0780,
-18.9760, -30.5600

71.7510, 42.9480,
69.7000

201.9970,
-23.4220, -38.0940

62.7180, 47.7150,
76.9230

211.6170,
-28.4640, -45.8400

215.2530,
-30.4350, -48.6670

Harmonies

Analogous

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



135.4850, -8.2550, 11.9450



136.8740, 9.7630, 15.8030



136.7630, 23.1970, 14.6290

Triad

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



136.8740, 9.7630, 15.8030



132.9080, 20.4500, -7.1820



125.8470, -39.4740, -11.4900

Complementary

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



136.8740, 9.7630, 15.8030



143.1260, -9.7630, -15.8030

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.



126.4860, -28.3320, -15.1800



136.8740, 9.7630, 15.8030



131.2050, 6.1920, -13.1040

Square

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



136.8740, 9.7630, 15.8030



134.5550, 29.1140, 1.0020



128.7560, -11.5970, -15.6050



128.0740, -38.3750, -3.8710

Rectangle

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



136.8740, 9.7630, 15.8030



136.1780, 29.1580, 11.2220



128.7560, -11.5970, -15.6050



125.7610, -36.3560, -12.9320

Sweetspot

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



136.8740, 9.7630, 15.8030



196.8420, 3.6210, 5.9650



128.5450, -8.4840, 10.5880



97.7770, 2.2460, 3.3500



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.



136.8740, 9.7630, 15.8030



173.4930, 15.6300, 25.1180



135.0500, 14.8990, 10.8270



74.1900, 2.5210, 3.8730



57.4630, 43.8190, 70.4350



6.0810, 4.4460, 7.5340

Inverse Universe

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



136.8740, 9.7630, 15.8030



173.4930, 15.6300, 25.1180



144.9500, -14.8990, -10.8270



74.1900, 2.5210, 3.8730



57.4630, 43.8190, 70.4350



6.0810, 4.4460, 7.5340

Previews

White Background



This preview shows how the YIQ color 136.8740, 9.7630, 15.8030 looks on a white background.

Color Contrast Check

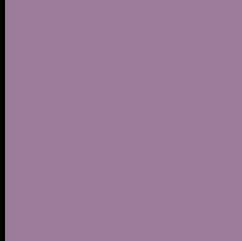
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.8740, 9.7630, 15.8030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

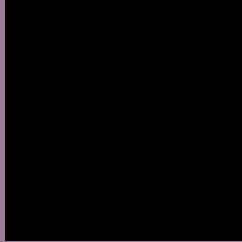
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 136.8740, 9.7630, 15.8030

Background



This preview shows how black text looks on a background with the YIQ color 136.8740, 9.7630, 15.8030.



This preview shows how white text looks on a background with the YIQ color 136.8740, 9.7630,

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

136.8740, 9.7630, 15.8030

Protanopia

134.7680, -10.7300, 7.2380

Deuteranopia

135.7860, -1.9730, 8.2270



Tritanopia

136.2130, 12.8820, 8.8340

Trichromacy



Original Color

136.8740, 9.7630, 15.8030

Protanomaly

135.7690, -3.3030, 10.3050

Deuteranomaly

135.8190, 2.4280, 11.0680

Tritanomaly

136.6090, 11.8270, 11.4350

Monochromacy



Original Color

136.8740, 9.7630, 15.8030

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

136.8420, 3.6210, 5.9650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.8740, 9.7630, 15.8030 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(156, 124, 153)` looks like.

```
.text, #text, p{  
    color:rgb(156, 124, 153)  
}
```

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(156, 124, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 124, 153) }
```

Border

The CSS property to change the border of an element to YIQ 136.8740, 9.7630, 15.8030 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(156, 124, 153) }
```


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

```
.border{ border-color:rgb(156, 124, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 124, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 124, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 124, 153);  
box-shadow:4px 4px 4px 4px rgb(156, 124,  
153) }
```

Background

The CSS property to change the background color of an element to YIQ 136.8740, 9.7630, 15.8030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 124, 153) }
```

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

```
.background{ background-color: rgb(156,  
124, 153) }
```

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