

Converting Colors

YIQ(136.7670, 0.1790, 24.2990)

Have a look what the booklet for
YIQ(136.7670, 0.1790, 24.2990)
contains.

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Color

**YIQ(136.7670, 0.1790,
24.2990)**

Conversions

Conversions Part 1

Format	Color
Hex	9879B2
RGB	152, 121, 178
RGB Percent	60%, 47%, 70%
CMY	0.4038, 0.5255, 0.3020
CMYK	0.15, 0.32, 0.00, 0.30
HSL	273°, 27%, 59%
HSV	273°, 32%, 70%
XYZ	27.8247, 23.5636, 45.1954
YIQ	136.7670, 0.1790, 24.2990

Conversions

Conversions Part 2

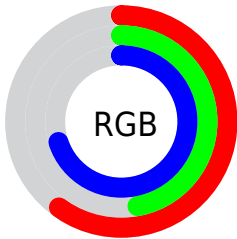
Format	Color
RYB	152, 121, 178
Decimal	9992626
CIELab	55.65, 23.17, -25.66
CIELCh	56, 34.571, 312.080
Yxy	23.5636, 0.2881, 0.2440
Android (android.graphics.Color)	4288182706 (0xFF9879B2)
YUV	136.7670, 20.3279, 13.3593
Hunter-Lab	48.5424, 17.3678, -21.2223

Details

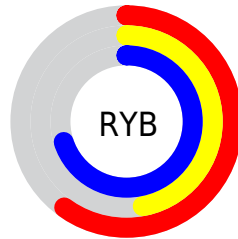
The YIQ color **136.7670, 0.1790, 24.2990** is a light color, and the websafe version is hex **996699**. A complement of this color would be **162.2330, -0.1790, -24.2990**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **190.7070, 0.4080, 25.6560**, and **86.4140, -0.3250, 22.4190** is the 20% darker color. If you saturate the color by 10%, you get **123.8090, 0.3610, 32.0170**, and if you desaturate by 10%, it is **149.7250, -0.0030, 16.5810**.

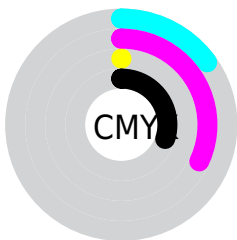
Distribution



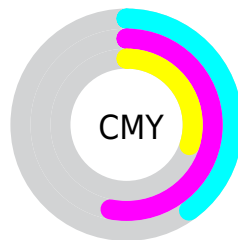
- Red (60%)
- Green (47%)
- Blue (70%)



- Red (60%)
- Yellow (47%)
- Blue (70%)



- Cyan (15%)
- Magenta (32%)
- Yellow (0%)
- Black (30%)



- Cyan (40%)
- Magenta (53%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.7670, 0.1790, 24.2990 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 136.7670, 0.1790, 24.2990 by changing the saturation by 10% instead.

136.7670, 0.1790,
24.2990

136.7670, 0.1790,
24.2990

255.0000, -0.0000,
-0.0000

111.2400, 0.2250,
23.4650

190.7070, 0.4080,
25.6560

86.4140, -0.3250,
22.4190

217.3220, 2.9300,
24.0020

62.5880, -0.8750,
21.3730

239.7380, 7.1500,
13.5980

40.0610, -0.8290,
20.5390

17.6480, -1.1040,
20.0160

3.5340, -9.9510,
9.6410

0.2280, -0.6420,

0.6220

0.0000, 0.0000,
0.0000

136.7670, 0.1790,
24.2990

136.7670, 0.1790,
24.2990

123.8090, 0.3610,
32.0170

149.7250, -0.0030,
16.5810

110.8510, 0.5430,
39.7350

162.6830, -0.1850,
8.8630

98.4800, 0.4500,
46.9300

175.0540, -0.0920,
1.6680

85.5220, 0.6320,
54.6480

188.0120, -0.2740,
-6.0500

72.2650, 0.2180,
62.1540

201.2690, 0.1400,
-13.5560

■ 59.3070, 0.4000,
69.8720

■ 214.2270, -0.0420,
-21.2740

■ 49.2950, 0.6740,
75.9220

■ 227.1850, -0.2240,
-28.9920

■ 234.8600, 2.0690,
-32.0030

■ 237.2520, 6.8370,
-30.3070

Harmonies

Analogous

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



131.9630, -32.9680, 13.7840



136.7670, 0.1790, 24.2990



137.0060, 27.3670, 27.1670

Triad

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



136.7670, 0.1790, 24.2990



132.2710, 41.3570, -6.1230



103.9930, -87.5200, -32.8320

Complementary

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



136.7670, 0.1790, 24.2990



162.2330, -0.1790, -24.2990

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.



120.2040, -36.7660, -27.5340



136.7670, 0.1790, 24.2990



129.7260, 23.4780, -18.0100

Square

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



136.7670, 0.1790, 24.2990



133.9490, 48.7360, 8.8320



126.2650, -3.2050, -24.5250



106.0110, -95.9580, -23.0780

Rectangle

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



136.7670, 0.1790, 24.2990



135.5420, 40.2970, 24.1130



126.2650, -3.2050, -24.5250



112.3070, -64.9170, -29.4690

Sweetspot

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



136.7670, 0.1790, 24.2990



215.2100, -0.2310, 9.6970



143.3470, -25.7220, 3.6060



106.9880, 0.2740, 6.0500



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.



136.7670, 0.1790, 24.2990



168.3840, 0.3600, 37.5440



144.3130, 16.3170, 29.1890



82.5210, 0.0910, 3.8590



42.2590, 0.3550, 65.1790



7.1500, -0.0020, 11.0540

Inverse Universe

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



141.0070, 25.6260, 20.1700



174.8720, 39.6080, 31.0960



154.6870, -16.3170, -29.1890



83.1470, 4.0800, 3.1520



53.7270, 68.7180, 54.2060



9.1420, 11.6440, 9.2440

Previews

White Background



This preview shows how the YIQ color 136.7670, 0.1790, 24.2990 looks on a white background.

Color Contrast Check

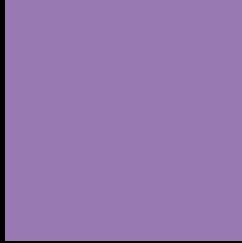
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.7670, 0.1790, 24.2990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

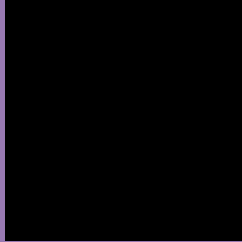
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 136.7670, 0.1790, 24.2990

Background



This preview shows how black text looks on a background with the YIQ color 136.7670, 0.1790, 24.2990.



This preview shows how white text looks on a background with the YIQ color 136.7670, 0.1790,

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

136.7670, 0.1790, 24.2990

Protanopia

133.6710, -26.2740, 13.6140

Deuteranopia

133.7380, -19.2130, 12.2990



Tritanopia

135.2230, 6.9220, 6.7140

Trichromacy



Original Color

136.7670, 0.1790, 24.2990

Protanomaly

134.8680, -16.4630, 17.5290

Deuteranomaly

134.7930, -11.8780, 17.0340

Tritanomaly

135.6560, 4.4450, 13.0610

Monochromacy



Original Color

136.7670, 0.1790, 24.2990

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

136.6830, -0.1850, 8.8630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.7670, 0.1790, 24.2990 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(152, 121, 178)` looks like.

```
.text, #text, p{  
    color:rgb(152, 121, 178)  
}
```

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(152, 121, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 121, 178) }
```

Border

The CSS property to change the border of an element to YIQ 136.7670, 0.1790, 24.2990 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(152, 121, 178) }
```


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

```
.border{ border-color:rgb(152, 121, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 121, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 121, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 121, 178);  
box-shadow:4px 4px 4px 4px rgb(152, 121,  
178) }
```

Background

The CSS property to change the background color of an element to YIQ 136.7670, 0.1790, 24.2990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 121, 178) }
```

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

```
.background{ background-color: rgb(152,  
121, 178) }
```

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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