

Converting Colors

YIQ(99.6660, 16.8210, 31.0690)

Have a look what the booklet for
YIQ(99.6660, 16.8210, 31.0690)
contains.

YIQ(99.6660, 16.8210, 31.0690)	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(99.6660, 16.8210,
31.0690)**

Conversions

Conversions Part 1

Format	Color
Hex	874B86
RGB	135, 75, 134
RGB Percent	53%, 29%, 53%
CMY	0.4704, 0.7060, 0.4745
CMYK	0.00, 0.44, 0.01, 0.47
HSL	301°, 29%, 41%
HSV	301°, 44%, 53%
XYZ	16.8169, 11.9048, 23.9677
YIQ	99.6660, 16.8210, 31.0690

Conversions

Conversions Part 2

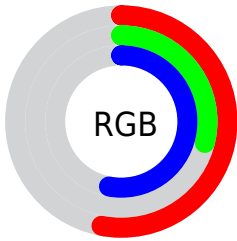
Format	Color
RYB	135, 75, 134
Decimal	8866694
CIELab	41.06, 34.73, -22.37
CIElCh	41, 41.312, 327.212
Yxy	11.9048, 0.3192, 0.2259
Android (android.graphics.Color)	4287056774 (0xFF874B86)
YUV	99.6660, 16.9267, 30.9879
Hunter-Lab	34.5034, 26.6196, -17.0334

Details

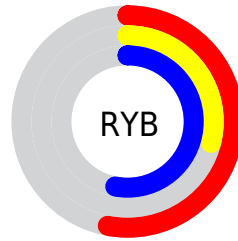
The YIQ color **99.6660, 16.8210, 31.0690** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **110.3340, -16.8210, -31.0690**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **152.0900, 18.5630, 32.5390**, and **49.6550, 15.3540, 30.1220** is the 20% darker color. If you saturate the color by 10%, you get **91.4480, 20.6710, 38.3910**, and if you desaturate by 10%, it is **107.2970, 13.2460, 24.2700**.

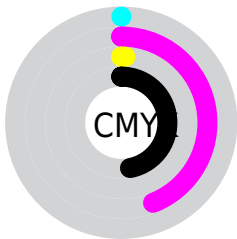
Distribution



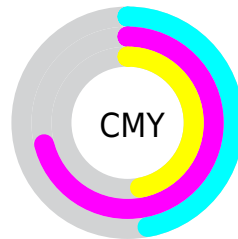
- Red (53%)
- Green (29%)
- Blue (53%)



- Red (53%)
- Yellow (29%)
- Blue (53%)



- Cyan (0%)
- Magenta (44%)
- Yellow (1%)
- Black (47%)



- Cyan (47%)
- Magenta (71%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 99.6660, 16.8210, 31.0690 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 99.6660, 16.8210, 31.0690 by changing the saturation by 10% instead.

■ 99.6660, 16.8210,
31.0690

■ 99.6660, 16.8210,
31.0690

■ 255.0000, -0.0000,
-0.0000

■ 74.9540, 15.9500,
30.3340

■ 152.0900, 18.5630,
32.5390

■ 49.6550, 15.3540,
30.1220

■ 178.9160, 19.1130,
33.5850

■ 24.5950, 15.5830,
31.4790

■ 206.7420, 19.6630,
34.6310

■ 16.1070, 10.7250,
20.3970

■ 226.8240, 13.2000,
25.1040

■ 2.4110, -5.4110,
4.4530

■ 243.8470, 5.2250,
9.9370

■ 0.0000, 0.0000,
0.0000

■ 99.6660, 16.8210,
31.0690

■ 99.6660, 16.8210,
31.0690

■ 91.4480, 20.6710,
38.3910

■ 107.2970, 13.2460,
24.2700

■ 83.8170, 24.2460,
45.1900

■ 115.5150, 9.3960,
16.9480

■ 75.4850, 28.4170,
52.2010

■ 123.2600, 5.5000,
10.4600

■ 67.8540, 31.9920,
59.0000

■ 131.4780, 1.6500,
3.1380

■ 59.6360, 35.8420,
66.3220

■ 139.6960, -2.2000,
-4.1840


■ 55.5270, 37.7670,
69.9830

■ 147.3270, -5.7750,
-10.9830

■ 155.6590, -9.9460,
-17.9940

■ 163.2900,

-13.5210, -24.7930

 171.5080,
-17.3710, -32.1150

Harmonies

Analogous

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



97.6490, -20.0400, 21.7840



99.6660, 16.8210, 31.0690



96.9000, 42.4050, 29.9650

Triad

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



99.6660, 16.8210, 31.0690



93.1960, 36.7740, -16.6820



80.8090, -71.8420, -19.6020

Complementary

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



99.6660, 16.8210, 31.0690



110.3340, -16.8210, -31.0690

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.



76.8190, -60.6070, -30.4870



99.6660, 16.8210, 31.0690



89.8120, 11.1920, -26.6320

Square

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



99.6660, 16.8210, 31.0690



94.8640, 50.1130, 0.3930



82.5440, -26.2200, -31.4360



81.4250, -79.0880, -9.4240

Rectangle

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



99.6660, 16.8210, 31.0690



95.8760, 50.9800, 23.2360



82.5440, -26.2200, -31.4360



79.5550, -68.3110, -23.0230

Sweetspot

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



99.6660, 16.8210, 31.0690



162.4990, 6.3250, 12.0290



82.1390, -18.6640, 18.8720



80.7820, 3.8500, 7.3220



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



99.6660, 16.8210, 31.0690



121.1810, 26.2170, 48.0170



96.2460, 26.4510, 21.7390



62.4780, 1.6500, 3.1380



53.4620, 36.3920, 67.3680



1.2390, 0.8250, 1.5690

Inverse Universe

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



99.6660, 16.8210, 31.0690



121.1810, 26.2170, 48.0170



113.7540, -26.4510, -21.7390



62.4780, 1.6500, 3.1380



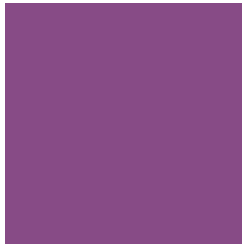
53.4620, 36.3920, 67.3680



1.2390, 0.8250, 1.5690

Previews

White Background



This preview shows how the YIQ color 99.6660, 16.8210, 31.0690 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 99.6660, 16.8210, 31.0690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

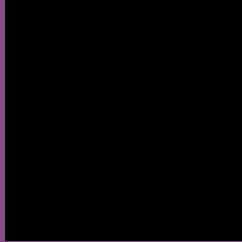
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 99.6660, 16.8210, 31.0690

Background



This preview shows how black text looks on a background with the YIQ color 99.6660, 16.8210, 31.0690.



This preview shows how white text looks on a background with the YIQ color 99.6660, 16.8210,

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

99.6660, 16.8210, 31.0690

Protanopia

96.5890, -28.9790, 13.0770

Deuteranopia

97.4840, -15.6820, 8.8780



Tritanopia

99.1390, 24.8940, 11.4060

Trichromacy



Original Color

99.6660, 16.8210, 31.0690

Protanomaly

97.4880, -12.3370, 19.8470

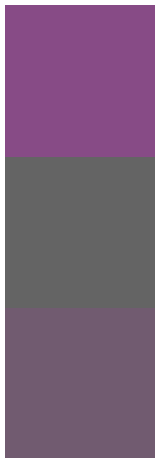
Deuteranomaly

97.9850, -3.6710, 16.9770

Tritanomaly

99.2130, 22.0500, 18.8980

Monochromacy



Original Color

99.6660, 16.8210, 31.0690

Achromatopsia

100.0000, -0.0000, -0.0000

Achromatomaly

99.9720, 6.3710, 11.1950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.6660, 16.8210, 31.0690 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(135, 75, 134)` looks like.

```
.text, #text, p{  
    color:rgb(135, 75, 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(135, 75, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 75, 134) }
```

Border

The CSS property to change the border of an element to YIQ 99.6660, 16.8210, 31.0690 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(135, 75, 134) }
```


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

```
.border{ border-color:rgb(135, 75, 134) }
```

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

Here you see how a box with a 4 pixel rgb(135, 75, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 75, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 75, 134);  
box-shadow:4px 4px 4px 4px rgb(135, 75,  
134) }
```

Background

The CSS property to change the background color of an element to YIQ 99.6660, 16.8210, 31.0690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 75, 134) }
```

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

```
.background{ background-color: rgb(135, 75,  
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](#).

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