

Converting Colors

YIQ(87.3370, 15.7690, 17.0890)

Have a look what the booklet for
YIQ(87.3370, 15.7690, 17.0890)
contains.

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Color

**YIQ(87.3370, 15.7690,
17.0890)**

Conversions

Conversions Part 1

Format	Color
Hex	714863
RGB	113, 72, 99
RGB Percent	44%, 28%, 39%
CMY	0.5567, 0.7177, 0.6117
CMYK	0.00, 0.36, 0.12, 0.56
HSL	320°, 22%, 36%
HSV	320°, 36%, 44%
XYZ	11.3827, 9.0462, 12.9532
YIQ	87.3370, 15.7690, 17.0890

Conversions

Conversions Part 2

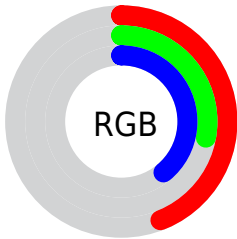
Format	Color
R_{YB}	113, 72, 99
Decimal	7424099
CIE Lab	36.07, 22.00, -8.58
CIE LCh	36, 23.617, 338.691
Yxy	9.0462, 0.3410, 0.2710
Android (android.graphics.Color)	4285614179 (0xFF714863)
YUV	87.3370, 5.7499, 22.5065
Hunter-Lab	30.0769, 14.9192, -4.4805

Details

The YIQ color $(87.3370, 15.7690, 17.0890)$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $(97.6630, -15.7690, -17.0890)$, and the grayscale version is $(87.0000, -0.0000, -0.0000)$.

A 20% lighter version of the original color is $(137.7610, 17.5110, 18.5590)$, and $(40.9130, 14.0270, 15.6190)$ is the 20% darker color. If you saturate the color by 10%, you get $(80.4240, 20.0780, 21.5980)$, and if you desaturate by 10%, it is $(94.2500, 11.4600, 12.5800)$.

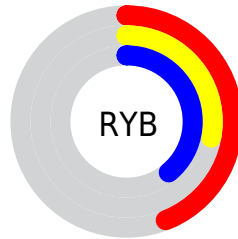
Distribution



Red (44%)

Green (28%)

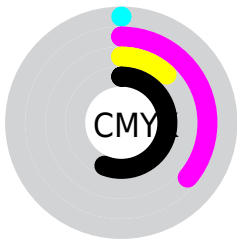
Blue (39%)



Red (44%)

Yellow (28%)

Blue (39%)

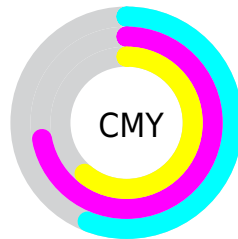


Cyan (0%)

Magenta (36%)

Yellow (12%)

Black (56%)



Cyan (56%)

Magenta (72%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 87.3370, 15.7690, 17.0890 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 87.3370, 15.7690, 17.0890 by changing the saturation by 10% instead.

87.3370, 15.7690,
17.0890

87.3370, 15.7690,
17.0890

255.0000, -0.0000,
-0.0000

63.6250, 14.8980,
16.3540

137.7610, 17.5110,
18.5590

40.9130, 14.0270,
15.6190

164.0600, 18.1070,
18.7710

18.1410, 13.3850,
16.2410

191.4730, 18.3820,
19.2940

3.8590, 4.9510,
3.8870

219.1850, 19.2530,
20.0290

0.0000, 0.0000,
0.0000

240.3250, 6.8750,
13.0750

87.3370, 15.7690,
17.0890

87.3370, 15.7690,
17.0890

80.4240, 20.0780,
21.5980

94.2500, 11.4600,
12.5800

72.9240, 24.6620,
26.6300

101.7500, 6.8760,
7.5480

66.0110, 28.9710,
31.1390

108.6630, 2.5670,
3.0390

59.2120, 32.9590,
35.9590

115.4620, -1.4210,
-1.7810

51.7120, 37.5430,
40.9910

122.9620, -6.0050,
-6.8130

44.7990, 41.8520,
45.5000


129.8750,
-10.3140, -11.3220

42.2230, 43.5940,
46.9700

136.7880,
-14.6230, -15.8310

143.7010,

-18.9320, -20.3400

 151.2010,
-23.5160, -25.3720

Harmonies

Analogous

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



86.8880, -2.0200, 14.5880



87.3370, 15.7690, 17.0890



86.3890, 27.1860, 13.9220

Triad

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



87.3370, 15.7690, 17.0890



83.3480, 16.0950, -10.8570



67.4900, -60.5180, -15.5740

Complementary

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



87.3370, 15.7690, 17.0890



97.6630, -15.7690, -17.0890

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.



71.4070, -44.2870, -17.8790



87.3370, 15.7690, 17.0890



80.9160, -0.3640, -15.4360

Square

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



87.3370, 15.7690, 17.0890



84.6640, 27.1890, -2.6590



77.5100, -19.7120, -17.2160



76.3660, -45.0690, -3.7010

Rectangle

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



87.3370, 15.7690, 17.0890



85.6080, 30.7630, 9.6670



77.5100, -19.7120, -17.2160



67.3930, -58.8670, -17.9630

Sweetspot

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



87.3370, 15.7690, 17.0890



137.9240, 6.3260, 6.5020



80.8600, -4.8170, 15.7190



67.7880, 3.7130, 4.2970



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



87.3370, 15.7690, 17.0890



107.3370, 24.9370, 27.1530



85.0570, 22.1890, 10.8690



52.2500, 2.2920, 2.5160



44.8860, 46.1610, 50.0090



92.4350, 94.8890, 103.0570

Inverse Universe

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



87.3370, 15.7690, 17.0890



107.3370, 24.9370, 27.1530



99.9430, -22.1890, -10.8690



52.2500, 2.2920, 2.5160



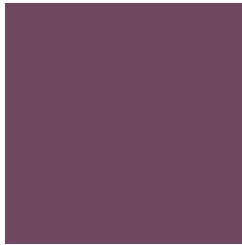
44.8860, 46.1610, 50.0090



92.4350, 94.8890, 103.0570

Previews

White Background



This preview shows how the YIQ color 87.3370, 15.7690, 17.0890 looks on a white background.

Color Contrast Check

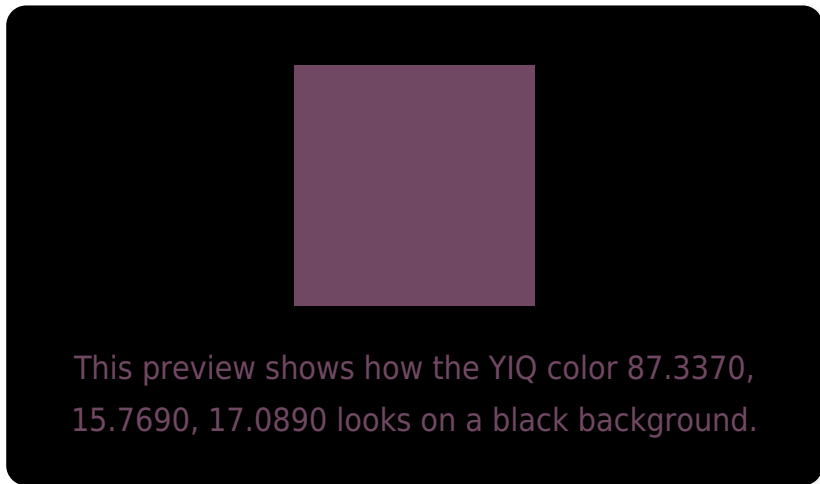
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

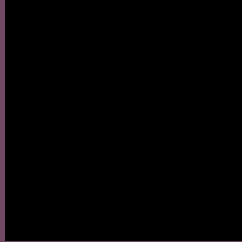
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 87.3370, 15.7690, 17.0890

Background



This preview shows how black text looks on a background with the YIQ color 87.3370, 15.7690, 17.0890.



This preview shows how white text looks on a background with the YIQ color 87.3370, 15.7690,

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

87.3370, 15.7690, 17.0890

Protanopia

85.4260, -9.7670, 6.3050

Deuteranopia

86.0910, -1.5140, 5.4140



Tritanopia

86.4480, 19.5300, 9.4980

Trichromacy



Original Color

87.3370, 15.7690, 17.0890

Protanomaly

86.3240, -0.5520, 10.0080

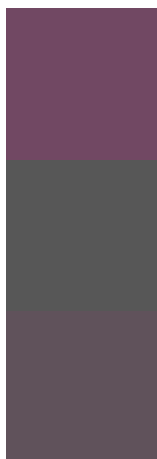
Deuteranomaly

86.5480, 4.6290, 9.7250

Tritanomaly

86.9580, 18.1540, 12.4100

Monochromacy



Original Color

87.3370, 15.7690, 17.0890

Achromatopsia

87.0000, -0.0000, -0.0000

Achromatomaly

87.2120, 5.4550, 5.7670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 87.3370, 15.7690, 17.0890 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(113, 72, 99)` looks like.

```
.text, #text, p{  
    color:rgb(113, 72, 99)  
}
```

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(113, 72, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 72, 99) }
```

Border

The CSS property to change the border of an element to YIQ 87.3370, 15.7690, 17.0890 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(113, 72, 99) }
```


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

```
.border{ border-color:rgb(113, 72, 99) }
```

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

Here you see how a box with a 4 pixel rgb(113, 72, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 72, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 72, 99);  
box-shadow:4px 4px 4px 4px rgb(113, 72,  
99) }
```

Background

The CSS property to change the background color of an element to YIQ 87.3370, 15.7690, 17.0890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 72, 99) }
```

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

```
.background{ background-color: rgb(113, 72,  
99) }
```

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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