

Converting Colors

YIQ(99.1070, 10.7250, 20.3970)

Have a look what the booklet for
YIQ(99.1070, 10.7250, 20.3970)
contains.

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Color

**YIQ(99.1070, 10.7250,
20.3970)**

Conversions

Conversions Part 1

Format	Color
Hex	7A537A
RGB	122, 83, 122
RGB Percent	48%, 33%, 48%
CMY	0.5214, 0.6746, 0.5216
CMYK	0.00, 0.32, 0.00, 0.52
HSL	300°, 19%, 40%
HSV	300°, 32%, 48%
XYZ	14.6353, 11.7290, 19.9059
YIQ	99.1070, 10.7250, 20.3970

Conversions

Conversions Part 2

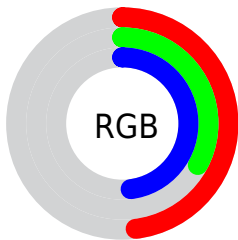
Format	Color
R_{YB}	122, 83, 122
Decimal	8016762
CIE _{Lab}	40.78, 23.24, -15.61
CIE _{LCh}	41, 27.999, 326.114
Yxy	11.7290, 0.3163, 0.2535
Android (android.graphics.Color)	4286206842 (0xFF7A537A)
YUV	99.1070, 11.2862, 20.0772
Hunter-Lab	34.2476, 16.3466, -10.4881

Details

The YIQ color **99.1070, 10.7250, 20.3970** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **105.8930, -10.7250, -20.3970**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **150.2320, 11.8710, 21.6550**, and **51.5690, 9.3040, 18.6160** is the 20% darker color. If you saturate the color by 10%, you get **92.0630, 14.0250, 26.6730**, and if you desaturate by 10%, it is **106.1510, 7.4250, 14.1210**.

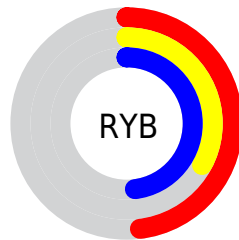
Distribution



Red (48%)

Green (33%)

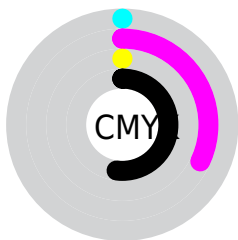
Blue (48%)



Red (48%)

Yellow (33%)

Blue (48%)

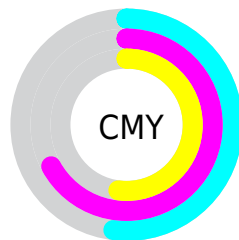


Cyan (0%)

Magenta (32%)

Yellow (0%)

Black (52%)



Cyan (52%)

Magenta (67%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 99.1070, 10.7250, 20.3970 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 99.1070, 10.7250, 20.3970 by changing the saturation by 10% instead.

■ 99.1070, 10.7250,
20.3970

■ 99.1070, 10.7250,
20.3970

■ 255.0000, -0.0000,
-0.0000

■ 74.6940, 10.4500,
19.8740

■ 150.2320, 11.8710,
21.6550

■ 51.5690, 9.3040,
18.6160

■ 177.0580, 12.4210,
22.7010

■ 29.2700, 8.7080,
18.4040

■ 205.0580, 12.4210,
22.7010

■ 12.6890, 8.8460,
15.9020

■ 230.9330, 11.2750,
21.4430

■ 0.0000, 0.0000,
0.0000

■ 247.9560, 3.3000,
6.2760

99.1070, 10.7250,
20.3970

99.1070, 10.7250,
20.3970

92.0630, 14.0250,
26.6730

106.1510, 7.4250,
14.1210

85.0190, 17.3250,
32.9490

113.1950, 4.1250,
7.8450

77.3880, 20.9000,
39.7480

120.8260, 0.5500,
1.0460

70.3440, 24.2000,
46.0240

127.8700, -2.7500,
-5.2300

63.3000, 27.5000,
52.3000

134.9140, -6.0500,
-11.5060

56.2560, 30.8000,
58.5760


141.9580, -9.3500,
-17.7820

50.3860, 33.5500,
63.8060

149.0020,
-12.6500, -24.0580

156.6330,

-16.2250, -30.8570

 163.6770,
-19.5250, -37.1330

Harmonies

Analogous

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



97.1410, -12.9780, 14.9420



99.1070, 10.7250, 20.3970



98.1490, 28.1020, 19.3500

Triad

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



99.1070, 10.7250, 20.3970



94.6650, 25.4480, -9.6560



76.6200, -66.9360, -20.4080

Complementary

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



99.1070, 10.7250, 20.3970



105.8930, -10.7250, -20.3970

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.



81.9570, -43.1400, -22.1480



99.1070, 10.7250, 20.3970



92.3530, 8.5310, -16.9490

Square

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



99.1070, 10.7250, 20.3970



96.3770, 35.4870, 1.1430



89.0390, -14.0720, -20.3120



76.9110, -71.8890, -13.2410

Rectangle

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



99.1070, 10.7250, 20.3970



97.3360, 34.7050, 15.3210



89.0390, -14.0720, -20.3120



75.7080, -64.3680, -22.8960

Sweetspot

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



99.1070, 10.7250, 20.3970



148.6080, 4.4000, 8.3680



87.4460, -12.5190, 12.1290



73.7170, 2.4750, 4.7070



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



99.1070, 10.7250, 20.3970



122.7800, 16.5000, 31.3800



96.9410, 16.8240, 14.4880



57.4780, 1.6500, 3.1380



51.6250, 34.3750, 65.3750



104.0760, 69.3000, 131.7960

Inverse Universe

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



99.1070, 10.7250, 20.3970



122.7800, 16.5000, 31.3800



108.1730, -17.1450, -14.1770



57.4780, 1.6500, 3.1380



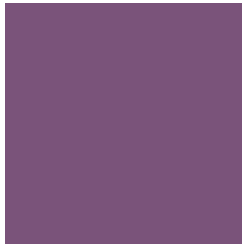
51.6250, 34.3750, 65.3750



104.0760, 69.3000, 131.7960

Previews

White Background



This preview shows how the YIQ color 99.1070, 10.7250, 20.3970 looks on a white background.

Color Contrast Check

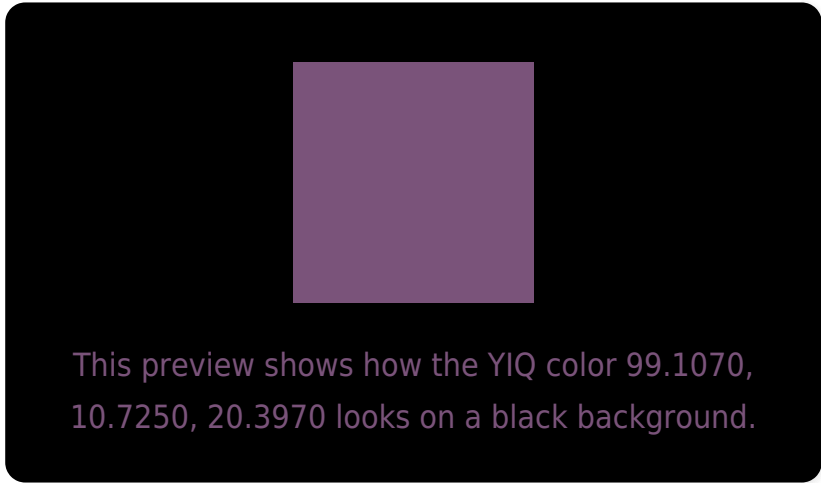
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

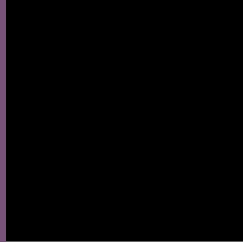
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 99.1070, 10.7250, 20.3970

Background



This preview shows how black text looks on a background with the YIQ color 99.1070, 10.7250, 20.3970.



This preview shows how white text looks on a background with the YIQ color 99.1070, 10.7250,

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

99.1070, 10.7250, 20.3970

Protanopia

96.4130, -16.9200, 9.2880

Deuteranopia

96.9640, -8.3460, 8.0860



Tritanopia

97.7680, 15.6330, 8.5370

Trichromacy



Original Color

99.1070, 10.7250, 20.3970

Protanomaly

97.6100, -7.1090, 13.2030

Deuteranomaly

97.7200, -1.6070, 12.6090

Tritanomaly

98.0330, 13.5690, 12.9050

Monochromacy



Original Color

99.1070, 10.7250, 20.3970

Achromatopsia

99.0000, -0.0000, 0.0000

Achromatomaly

98.7820, 3.8500, 7.3220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.1070, 10.7250, 20.3970 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(122, 83, 122)` looks like.

```
.text, #text, p{  
    color:rgb(122, 83, 122)  
}
```

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(122, 83, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 83, 122) }
```

Border

The CSS property to change the border of an element to YIQ 99.1070, 10.7250, 20.3970 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(122, 83, 122) }
```


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

```
.border{ border-color:rgb(122, 83, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 83, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 83, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 83, 122);  
box-shadow:4px 4px 4px 4px rgb(122, 83,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 99.1070, 10.7250, 20.3970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 83, 122) }
```

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

```
.background{ background-color: rgb(122, 83,  
122) }
```

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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