

Converting Colors

YIQ(47.8790, 11.3670, 19.7750)

Have a look what the booklet for
YIQ(47.8790, 11.3670, 19.7750)
contains.

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Color

**YIQ(47.8790, 11.3670,
19.7750)**

Conversions

Conversions Part 1

Format	Color
Hex	472045
RGB	71, 32, 69
RGB Percent	28%, 13%, 27%
CMY	0.7215, 0.8746, 0.7294
CMYK	0.00, 0.55, 0.03, 0.72
HSL	303°, 38%, 20%
HSV	303°, 55%, 28%
XYZ	4.1911, 2.8026, 5.9510
YIQ	47.8790, 11.3670, 19.7750

Conversions

Conversions Part 2

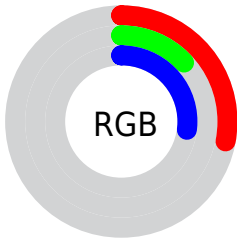
Format	Color
R_{YB}	71, 32, 69
Decimal	4661317
CIE _{Lab}	19.24, 24.77, -15.15
CIE _{LCh}	19, 29.034, 328.548
Yxy	2.8026, 0.3238, 0.2165
Android (android.graphics.Color)	4282851397 (0xFF472045)
YUV	47.8790, 10.4127, 20.2771
Hunter-Lab	16.7409, 15.3908, -9.3574

Details

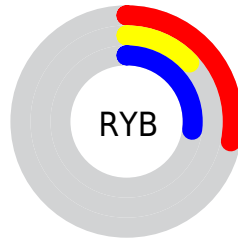
The YIQ color **47.8790, 11.3670, 19.7750** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **55.1210, -11.3670, -19.7750**, and the grayscale version is **48.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **95.3030, 13.1090, 21.2450**, and **11.6350, 8.9380, 14.2340** is the 20% darker color. If you saturate the color by 10%, you get **43.7700, 13.2920, 23.4360**, and if you desaturate by 10%, it is **51.9880, 9.4420, 16.1140**.

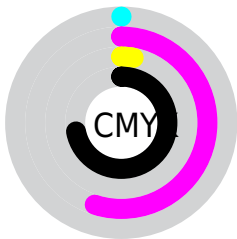
Distribution



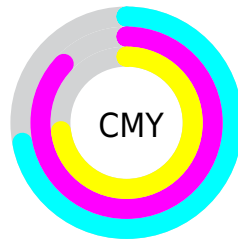
- Red (28%)
- Green (13%)
- Blue (27%)



- Red (28%)
- Yellow (13%)
- Blue (27%)



- Cyan (0%)
- Magenta (55%)
- Yellow (3%)
- Black (72%)



- Cyan (72%)
- Magenta (87%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 47.8790, 11.3670, 19.7750 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 47.8790, 11.3670, 19.7750 by changing the saturation by 10% instead.

■ 47.8790, 11.3670,
19.7750

■ 47.8790, 11.3670,
19.7750

■ 255.0000, -0.0000,
-0.0000

■ 25.5800, 10.7710,
19.5630

■ 95.3030, 13.1090,
21.2450

■ 11.6350, 8.9380,
14.2340

■ 120.7160, 13.3840,
21.7680

■ 0.0000, 0.0000,
0.0000

■ 146.5420, 13.9340,
22.8140

■ 172.9550, 14.2090,
23.3370

■ 200.6670, 15.0800,
24.0720

■ 227.8840, 12.9710,

23.7470

244.4340, 4.9500,
9.4140

47.8790, 11.3670,
19.7750

47.8790, 11.3670,
19.7750

43.7700, 13.2920,
23.4360

51.9880, 9.4420,
16.1140

39.5470, 15.5380,
26.7860

56.2110, 7.1960,
12.7640

35.4380, 17.4630,
30.4470

60.3200, 5.2710,
9.1030

31.3290, 19.3880,
34.1080

64.4290, 3.3460,
5.4420

28.8670, 20.8090,
35.8890

69.2390, 0.8250,
1.5690

■ 73.3480, -1.1000,
-2.0920

■ 77.5710, -3.3460,
-5.4420

■ 81.6800, -5.2710,
-9.1030

■ 85.7890, -7.1960,
-12.7640

Harmonies

Analogous

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



46.7990, -12.0150, 14.0090



47.8790, 11.3670, 19.7750



45.6650, 26.5890, 19.2370

Triad

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



47.8790, 11.3670, 19.7750



44.0560, 22.7890, -11.0270



40.3960, -36.5860, -8.7620

Complementary

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



47.8790, 11.3670, 19.7750



55.1210, -11.3670, -19.7750

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.



38.0020, -29.8450, -15.2930



47.8790, 11.3670, 19.7750



41.6410, 7.6600, -17.6840

Square

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



47.8790, 11.3670, 19.7750



44.7570, 31.3610, -1.1750



36.1030, -20.1240, -20.7640



41.0460, -41.1720, -2.7400

Rectangle

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



47.8790, 11.3670, 19.7750



45.1400, 32.3210, 14.4730



36.1030, -20.1240, -20.7640



40.1850, -34.6140, -11.4620

Sweetspot

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



47.8790, 11.3670, 19.7750



83.0810, 4.4460, 7.5340



37.0440, -11.3270, 12.5530



40.6030, 2.7960, 4.3960



173.0000, -0.0000, 0.0000



46.0000, 0.0000, -0.0000

Same Dimension

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



47.8790, 11.3670, 19.7750



55.8510, 17.7380, 30.9700



45.7130, 17.4660, 13.8660



33.6520, 1.1000, 2.0920



40.3170, 28.8300, 50.2220



92.3830, 66.2770, 114.9890

Inverse Universe

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



47.8790, 11.3670, 19.7750



55.8510, 17.7380, 30.9700



57.2870, -17.4660, -13.8660



33.6520, 1.1000, 2.0920



40.3170, 28.8300, 50.2220



92.3830, 66.2770, 114.9890

Previews

White Background



This preview shows how the YIQ color 47.8790, 11.3670, 19.7750 looks on a white background.

Color Contrast Check

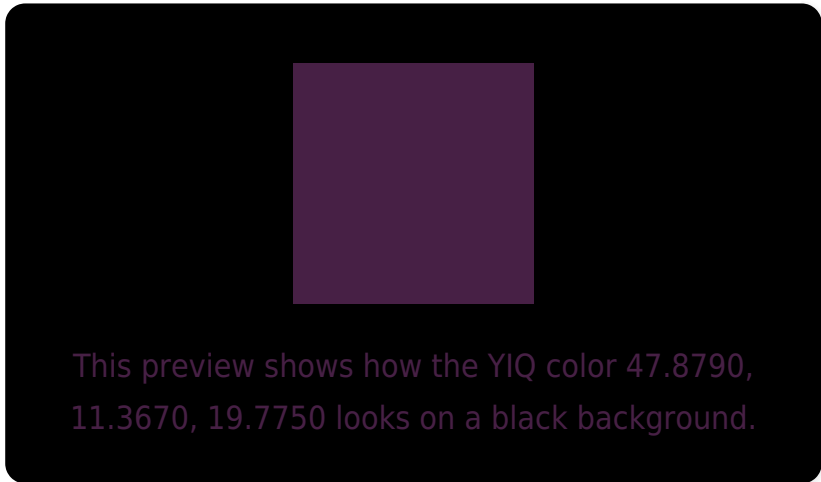
Large Text (above 18pt) WCAG AA ✓ Pass

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

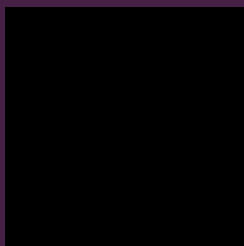
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 47.8790, 11.3670, 19.7750

Background



This preview shows how black text looks on a background with the YIQ color 47.8790, 11.3670, 19.7750.



This preview shows how white text looks on a background with the YIQ color 47.8790, 11.3670,

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

47.8790, 11.3670, 19.7750

Protanopia

45.8040, -19.5790, 7.9170

Deuteranopia

47.3720, -9.6750, 4.6370



Tritanopia

48.0130, 16.3210, 7.0810

Trichromacy



Original Color

47.8790, 11.3670, 19.7750

Protanomaly

46.5990, -8.5760, 12.2560

Deuteranomaly

47.8400, -2.0650, 9.8950

Tritanomaly

47.6910, 14.5320, 11.9720

Monochromacy



Original Color

47.8790, 11.3670, 19.7750

Achromatopsia

48.0000, -0.0000, 0.0000

Achromatomaly

47.7820, 3.8500, 7.3220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 47.8790, 11.3670, 19.7750 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(71, 32, 69)` looks like.

```
.text, #text, p{  
    color:rgb(71, 32, 69)  
}
```

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(71, 32, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 32, 69) }
```

Border

The CSS property to change the border of an element to YIQ 47.8790, 11.3670, 19.7750 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(71, 32, 69) }
```


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

```
.border{ border-color:rgb(71, 32, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 32, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 32, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 32, 69);  
box-shadow:4px 4px 4px 4px rgb(71, 32, 69)  
}
```

Background

The CSS property to change the background color of an element to YIQ 47.8790, 11.3670, 19.7750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 32, 69) }
```

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

```
.background{ background-color: rgb(71, 32,  
69) }
```

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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