

Converting Colors

YIQ(48.6730, 5.7750, 10.9830)

Have a look what the booklet for
YIQ(48.6730, 5.7750, 10.9830)
contains.

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Color

**YIQ(48.6730, 5.7750,
10.9830)**

Conversions

Conversions Part 1

Format	Color
Hex	3D283D
RGB	61, 40, 61
RGB Percent	24%, 16%, 24%
CMY	0.7607, 0.8432, 0.7608
CMYK	0.00, 0.34, 0.00, 0.76
HSL	300°, 21%, 20%
HSV	300°, 34%, 24%
XYZ	3.5263, 2.8465, 4.7787
YIQ	48.6730, 5.7750, 10.9830

Conversions

Conversions Part 2

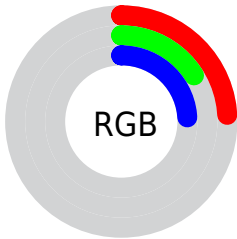
Format	Color
RYB	61, 40, 61
Decimal	4007997
CIELab	19.42, 14.10, -9.48
CIELCh	19, 16.988, 326.076
Yxy	2.8465, 0.3162, 0.2553
Android (android.graphics.Color)	4282198077 (0xFF3D283D)
YUV	48.6730, 6.0772, 10.8108
Hunter-Lab	16.8717, 7.7823, -4.9830

Details

The YIQ color **48.6730, 5.7750, 10.9830** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **52.3270, -5.7750, -10.9830**, and the grayscale version is **49.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **94.7980, 6.9210, 12.2410**, and **7.5480, 4.6290, 9.7250** is the 20% darker color. If you saturate the color by 10%, you get **45.1510, 7.4250, 14.1210**, and if you desaturate by 10%, it is **52.1950, 4.1250, 7.8450**.

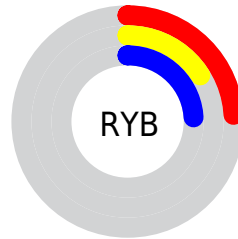
Distribution



Red (24%)

Green (16%)

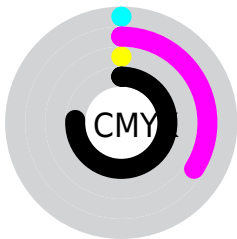
Blue (24%)



Red (24%)

Yellow (16%)

Blue (24%)

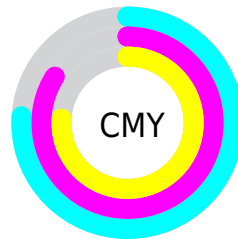


Cyan (0%)

Magenta (34%)

Yellow (0%)

Black (76%)



Cyan (76%)

Magenta (84%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 48.6730, 5.7750, 10.9830 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 48.6730, 5.7750, 10.9830 by changing the saturation by 10% instead.

■ 48.6730, 5.7750,
10.9830

■ 48.6730, 5.7750,
10.9830

■ 255.0000, -0.0000,
-0.0000

■ 27.2600, 5.5000,
10.4600

■ 94.7980, 6.9210,
12.2410

■ 7.5480, 4.6290,
9.7250

■ 119.9120, 6.6000,
12.5520

■ 0.0000, 0.0000,
0.0000

■ 145.6240, 7.4710,
13.2870

■ 172.6240, 7.4710,
13.2870

■ 200.0370, 7.7460,
13.8100

■ 227.4500, 8.0210,

14.3330

249.1300, 2.7500,
5.2300

48.6730, 5.7750,
10.9830

48.6730, 5.7750,
10.9830

45.1510, 7.4250,
14.1210

52.1950, 4.1250,
7.8450

41.6290, 9.0750,
17.2590

55.7170, 2.4750,
4.7070

38.1070, 10.7250,
20.3970

59.2390, 0.8250,
1.5690

34.5850, 12.3750,
23.5350

62.7610, -0.8250,
-1.5690

30.4760, 14.3000,
27.1960

66.8700, -2.7500,
-5.2300

■ 26.9540, 15.9500,
30.3340

■ 70.3920, -4.4000,
-8.3680

■ 25.1930, 16.7750,
31.9030

■ 73.9140, -6.0500,
-11.5060

■ 77.4360, -7.7000,
-14.6440

■ 80.9580, -9.3500,
-17.7820

Harmonies

Analogous

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



47.4480, -6.8330, 8.1990



48.6730, 5.7750, 10.9830



47.9360, 15.2200, 10.5160

Triad

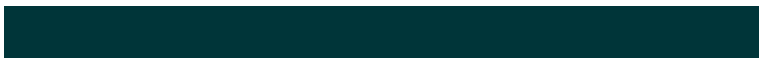
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



48.6730, 5.7750, 10.9830



46.2540, 13.6640, -5.3440



37.6090, -32.8720, -9.9920

Complementary

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



48.6730, 5.7750, 10.9830



52.3270, -5.7750, -10.9830

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.



39.5300, -22.4640, -11.3920



48.6730, 5.7750, 10.9830



45.2420, 4.7700, -9.3580

Square

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



48.6730, 5.7750, 10.9830



46.8790, 19.3940, 0.9460



42.9570, -7.6090, -10.7850



38.1620, -35.8070, -6.3590

Rectangle

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



48.6730, 5.7750, 10.9830



47.6220, 18.9800, 8.4520



42.9570, -7.6090, -10.7850



37.7400, -31.8630, -11.7590

Sweetspot

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



48.6730, 5.7750, 10.9830



74.3040, 2.2000, 4.1840



42.3940, -6.7410, 6.5310



38.0650, 1.3750, 2.6150



168.0000, -0.0000, -0.0000



41.0000, 0.0000, -0.0000

Same Dimension

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



48.6730, 5.7750, 10.9830



60.2160, 8.8000, 16.7360



47.5330, 8.9850, 7.8730



29.2390, 0.8250, 1.5690



38.8220, 25.8500, 49.1620



91.6860, 61.0500, 116.1060

Inverse Universe

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



48.6730, 5.7750, 10.9830



60.2160, 8.8000, 16.7360



53.5810, -9.3060, -7.5620



29.2390, 0.8250, 1.5690



38.8220, 25.8500, 49.1620



91.6860, 61.0500, 116.1060

Previews

White Background



This preview shows how the YIQ color 48.6730, 5.7750, 10.9830 looks on a white background.

Color Contrast Check

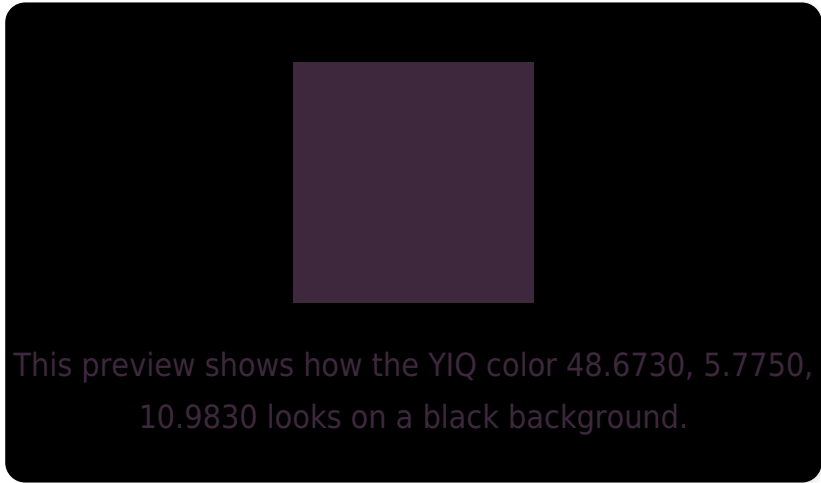
Large Text (above 18pt) WCAG AA ✓ Pass

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

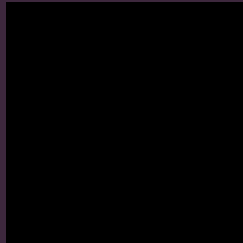
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 48.6730, 5.7750, 10.9830

Background



This preview shows how black text looks on a background with the YIQ color 48.6730, 5.7750, 10.9830.



This preview shows how white text looks on a background with the YIQ color 48.6730, 5.7750,

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

48.6730, 5.7750, 10.9830

Protanopia

47.3720, -9.6750, 4.6370

Deuteranopia

47.2970, -5.0900, 4.1420



Tritanopia

48.1260, 8.5730, 4.3250

Trichromacy



Original Color

48.6730, 5.7750, 10.9830

Protanomaly

47.4760, -4.0360, 7.0680

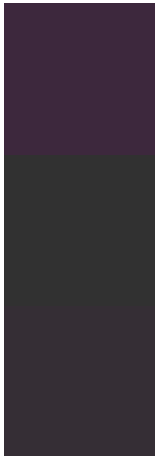
Deuteranomaly

47.9170, -0.9640, 6.4600

Tritanomaly

48.4080, 7.8390, 6.6150

Monochromacy



Original Color

48.6730, 5.7750, 10.9830

Achromatopsia

49.0000, -0.0000, -0.0000

Achromatomaly

48.8910, 1.9250, 3.6610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 48.6730, 5.7750, 10.9830 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(61, 40, 61)` looks like.

```
.text, #text, p{  
    color:rgb(61, 40, 61)  
}
```

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(61, 40, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 40, 61) }
```

Border

The CSS property to change the border of an element to YIQ 48.6730, 5.7750, 10.9830 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(61, 40, 61) }
```


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

```
.border{ border-color:rgb(61, 40, 61) }
```

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

Here you see how a box with a 4 pixel rgb(61, 40, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 40, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 40, 61);  
box-shadow:4px 4px 4px 4px rgb(61, 40, 61)  
}
```

Background

The CSS property to change the background color of an element to YIQ 48.6730, 5.7750, 10.9830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 40, 61) }
```

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

```
.background{ background-color: rgb(61, 40,  
61) }
```

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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