

Converting Colors

YIQ(77.3880, 1.4230, -9.2730)

Have a look what the booklet for
YIQ(77.3880, 1.4230, -9.2730)
contains.

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Color

**YIQ(77.3880, 1.4230,
-9.2730)**

Conversions

Conversions Part 1

Format	Color
Hex	49533C
RGB	73, 83, 60
RGB Percent	29%, 33%, 24%
CMY	0.7138, 0.6745, 0.7647
CMYK	0.12, 0.00, 0.28, 0.67
HSL	86°, 16%, 28%
HSV	86°, 28%, 33%
XYZ	6.6563, 7.9295, 5.4555
YIQ	77.3880, 1.4230, -9.2730

Conversions

Conversions Part 2

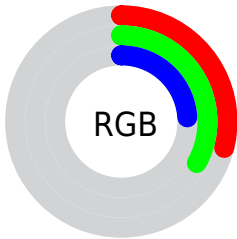
Format	Color
RYB	60, 83, 70
Decimal	4805436
CIELab	33.84, -8.71, 12.19
CIELCh	34, 14.986, 125.556
Yxy	7.9295, 0.3321, 0.3957
Android (android.graphics.Color)	4282995516 (0xFF49533C)
YUV	77.3880, -8.5723, -3.8483
Hunter-Lab	28.1594, -7.0856, 8.2249

Details

The YIQ color **77.3880, 1.4230, -9.2730** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **65.6120, -1.4230, 9.2730**, and the grayscale version is **77.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **126.1600, 2.0650, -9.8950**, and **33.0290, 1.0560, -8.1280** is the 20% darker color. If you saturate the color by 10%, you get **75.2800, 1.6070, -12.6090**, and if you desaturate by 10%, it is **79.4960, 1.2390, -5.9370**.

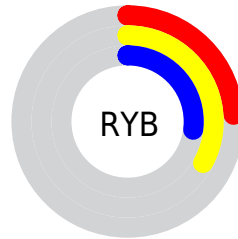
Distribution



 Red (29%)

 Green (33%)

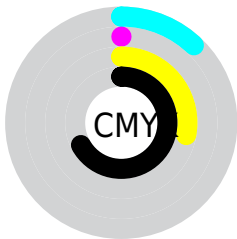
 Blue (24%)



 Red (24%)

 Yellow (33%)

 Blue (27%)

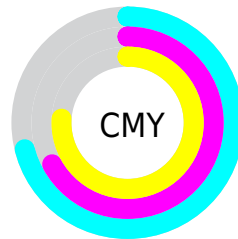


 Cyan (12%)

 Magenta (0%)

 Yellow (28%)

 Black (67%)



 Cyan (71%)

 Magenta (67%)

 Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 77.3880, 1.4230, -9.2730 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 77.3880, 1.4230, -9.2730 by changing the saturation by 10% instead.

■ 77.3880, 1.4230,
-9.2730

■ 77.3880, 1.4230,
-9.2730

■ 255.0000, -0.0000,
-0.0000

■ 54.5020, 1.1020,
-8.9620

■ 126.1600, 2.0650,
-9.8950

■ 33.0290, 1.0560,
-8.1280

■ 152.7470, 1.7900,
-10.4180

■ 10.5660, -4.9500,
-9.4140

■ 179.3340, 1.5150,
-10.9410

■ 0.0000, 0.0000,
0.0000

■ 206.6330, 2.1110,
-10.7290

■ 235.2200, 1.8360,
-11.2520

■ 253.5180, 4.1730,

-4.0430

■ 77.3880, 1.4230,
-9.2730

■ 77.3880, 1.4230,
-9.2730

■ 75.2800, 1.6070,
-12.6090

■ 79.4960, 1.2390,
-5.9370

■ 73.3570, 2.7080,
-16.0440

■ 81.4190, 0.1380,
-2.5020

■ 71.2490, 2.8920,
-19.3800

■ 83.5270, -0.0460,
0.8340

■ 69.4400, 3.6720,
-22.5040

■ 85.3360, -0.8260,
3.9580

■ 67.3320, 3.8560,
-25.8400

■ 87.5580, -1.3310,
7.6050

■ 65.1100, 4.3610,
-29.4870

■ 89.6660, -1.5150,
10.9410

■ 63.3010, 5.1410,
-32.6110

■ 91.4750, -2.2950,
14.0650

■ 62.7740, 5.1870,
-33.4450

■ 93.5830, -2.4790,
17.4010

■ 95.8050, -2.9840,
21.0480

Harmonies

Analogous

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



79.0580, 11.2800, -6.1920



77.3880, 1.4230, -9.2730



75.4020, -10.3600, -10.4880

Triad

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



77.3880, 1.4230, -9.2730



75.7830, -24.2540, -0.9740



81.3660, 16.8250, 8.9610

Complementary

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



77.3880, 1.4230, -9.2730



65.6120, -1.4230, 9.2730

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.



81.5270, 9.1220, 10.8980



77.3880, 1.4230, -9.2730



79.0340, -14.5350, 4.6090

Square

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



77.3880, 1.4230, -9.2730



74.2400, -27.2790, -6.7270



81.0140, -2.6150, 8.8490



80.5850, 20.4020, 4.7060

Rectangle

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



77.3880, 1.4230, -9.2730



74.5090, -17.9710, -10.2190



81.0140, -2.6150, 8.8490



81.5230, 14.9450, 9.9930

Sweetspot

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



77.3880, 1.4230, -9.2730



104.8920, 0.1840, -3.3360



72.7470, 10.9580, -0.3540



52.4190, 0.1380, -2.5020



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



77.3880, 1.4230, -9.2730



98.5250, 2.2950, -14.0650



74.0990, -5.1330, -11.6050



39.9460, 0.0920, -1.6680



79.2760, 6.2890, -42.4070



175.3530, 14.2760, -93.5640

Inverse Universe

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



65.6120, -1.4230, 9.2730



80.4750, -2.2950, 14.0650



68.9010, 5.1330, 11.6050



37.7550, -0.6880, 1.4560



25.7240, -6.2890, 42.4070



56.6470, -14.2760, 93.5640

Previews

White Background



This preview shows how the YIQ color 77.3880, 1.4230, -9.2730 looks on a white background.

Color Contrast Check

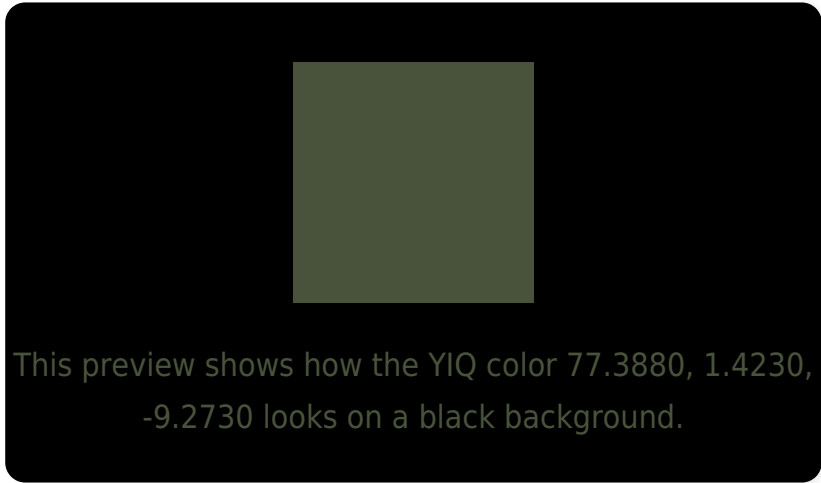
Large Text (above 18pt) WCAG AA ✓ Pass

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

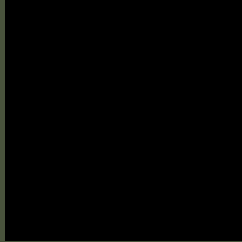
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

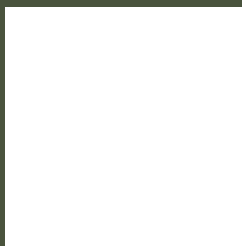
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 77.3880, 1.4230, -9.2730

Background



This preview shows how black text looks on a background with the YIQ color 77.3880, 1.4230, -9.2730.



This preview shows how white text looks on a background with the YIQ color 77.3880, 1.4230,

-9.2730.

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

77.3880, 1.4230, -9.2730

Protanopia

78.4000, 10.3170, -5.2590

Deuteranopia

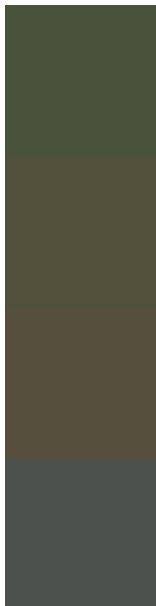
79.3730, 14.9470, -1.0610



Tritanopia

79.7870, -3.7140, 1.2300

Trichromacy



Original Color

77.3880, 1.4230, -9.2730

Protanomaly

77.9050, 7.3370, -6.3190

Deuteranomaly

79.0410, 9.9500, -4.1140

Tritanomaly

79.0490, -1.6960, -2.3040

Monochromacy



Original Color

77.3880, 1.4230, -9.2730

Achromatopsia

77.0000, -0.0000, -0.0000

Achromatomaly

77.1910, 0.7800, -3.1240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.3880, 1.4230, -9.2730 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(73, 83, 60)` looks like.

```
.text, #text, p{  
    color:rgb(73, 83, 60)  
}
```

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(73, 83, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 83, 60) }
```

Border

The CSS property to change the border of an element to YIQ 77.3880, 1.4230, -9.2730 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(73, 83, 60) }
```


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

```
.border{ border-color:rgb(73, 83, 60) }
```

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

Here you see how a box with a 4 pixel rgb(73, 83, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 83, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 83, 60);  
box-shadow:4px 4px 4px 4px rgb(73, 83, 60)  
}
```

Background

The CSS property to change the background color of an element to YIQ 77.3880, 1.4230, -9.2730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 83, 60) }
```

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

```
.background{ background-color: rgb(73, 83,  
60) }
```

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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