

Converting Colors

YIQ(37.3330, 29.6190, -2.6450)

Have a look what the booklet for
YIQ(37.3330, 29.6190, -2.6450)
contains.

YIQ(37.3330, 29.6190, -2.6450)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(37.3330, 29.6190,
-2.6450)**

Conversions

Conversions Part 1

Format	Color
Hex	401F00
RGB	64, 31, 0
RGB Percent	25%, 12%, 0%
CMY	0.7490, 0.8785, 0.9999
CMYK	0.00, 0.52, 1.00, 0.75
HSL	29°, 100%, 13%
HSV	29°, 100%, 25%
XYZ	2.6052, 2.0698, 0.2632
YIQ	37.3330, 29.6190, -2.6450

Conversions

Conversions Part 2

Format	Color
RYB	64, 60, 0
Decimal	4202240
CIELab	15.85, 13.47, 23.56
CIELCh	16, 27.141, 60.240
Yxy	2.0698, 0.5275, 0.4191
Android (android.graphics.Color)	4282392320 (0xFF401F00)
YUV	37.3330, -18.4052, 23.3870
Hunter-Lab	14.3869, 7.1455, 8.9859

Details

The YIQ color **37.3330, 29.6190, -2.6450** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **26.6670, -29.6190, 2.6450**, and the grayscale version is **37.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **83.7680, 32.8280, -0.2280**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **37.3330, 29.6190, -2.6450**, and if you desaturate by 10%, it is **39.7780, 26.8680, -2.3480**.

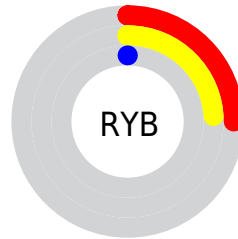
Distribution



 Red (25%)

 Green (12%)

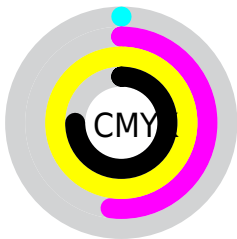
 Blue (0%)



 Red (25%)

 Yellow (24%)

 Blue (0%)



 Cyan (0%)

 Magenta (52%)

 Yellow (100%)

 Black (75%)



 Cyan (75%)

 Magenta (88%)

 Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 37.3330, 29.6190, -2.6450 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 37.3330, 29.6190, -2.6450 by changing the saturation by 10% instead.

■ 37.3330, 29.6190,
-2.6450

■ 37.3330, 29.6190,
-2.6450

■ 251.6940, 9.3090,
-9.0190

■ 17.8300, 21.0900,
3.2500

■ 83.7680, 32.8280,
-0.2280

■ 0.0000, 0.0000,
0.0000

■ 108.5510, 34.9370,
0.0970

■ 134.0350, 36.4500,
0.2100

■ 160.5190, 37.9630,
0.3230

■ 187.8890, 39.7970,
0.1250

■ 215.4870, 40.9890,

0.5490

■ 235.5880, 24.3470,
-6.2210

■ 37.3330, 29.6190,
-2.6450

■ 39.7780, 26.8680,
-2.3480

■ 42.9240, 23.5210,
-2.2630

■ 45.3690, 20.7700,
-1.9660

■ 47.9280, 17.6980,
-1.3580

■ 50.9600, 14.6720,
-1.5840

■ 53.4050, 11.9210,
-1.2870

■ 55.9640, 8.8490,
-0.6790

■ 58.4090, 6.0980,
-0.3820

■ 61.5550, 2.7510,
-0.2970

Harmonies

Analogous

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



37.7220, 30.4420, 9.9780



37.3330, 29.6190, -2.6450



37.2560, 19.3500, -9.2740

Triad

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



37.3330, 29.6190, -2.6450



32.6220, -25.7190, -12.9750



39.9410, -9.5390, 13.1890

Complementary

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



37.3330, 29.6190, -2.6450



26.6670, -29.6190, 2.6450

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.



33.5460, -36.5880, 2.2920



37.3330, 29.6190, -2.6450



34.7880, -31.8180, -7.0660

Square

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



37.3330, 29.6190, -2.6450



29.7550, -19.0240, -18.6720



35.3240, -36.0830, -1.3550



40.2380, 11.7340, 18.6300

Rectangle

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



37.3330, 29.6190, -2.6450



36.0160, 11.0980, -13.9100



35.3240, -36.0830, -1.3550



38.4560, -18.4790, 10.0090

Sweetspot

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



37.3330, 29.6190, -2.6450



73.5190, 11.6000, -0.9760



22.8980, 27.5510, 23.8310



36.5940, 7.0150, -0.4810



171.0000, -0.0000, -0.0000



43.0000, -0.0000, -0.0000

Same Dimension

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



37.3330, 29.6190, -2.6450



49.1830, 38.7890, -3.6350



56.1170, 20.8190, -19.3810



31.4840, 1.5130, 0.1130



56.5920, 44.8870, -4.0170



130.9590, 103.5290, -9.5190

Inverse Universe

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



26.6670, -29.6190, 2.6450



34.8170, -38.7890, 3.6350



7.8830, -20.8190, 19.3810



31.5160, -1.5130, -0.1130



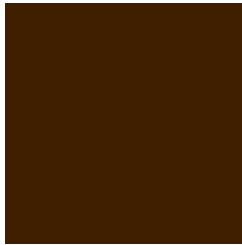
40.4080, -44.8870, 4.0170



93.6280, -103.8040, 8.9960

Previews

White Background



This preview shows how the YIQ color 37.3330, 29.6190, -2.6450 looks on a white background.

Color Contrast Check

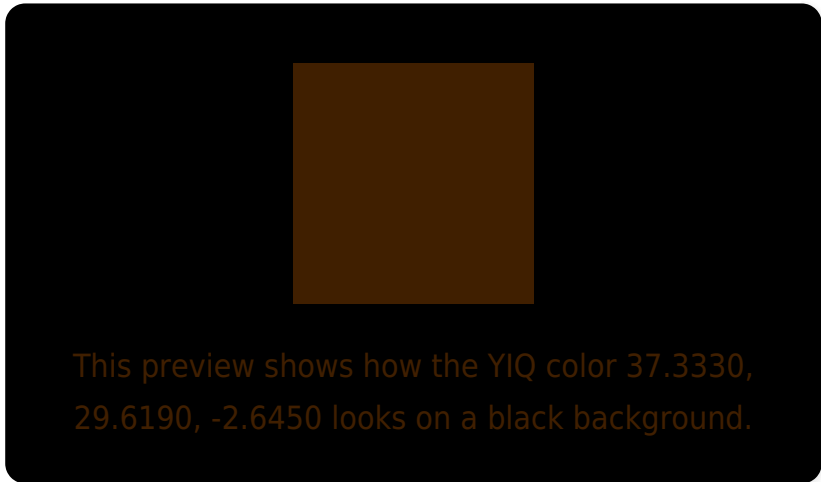
Large Text (above 18pt) WCAG AA ✓ Pass

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

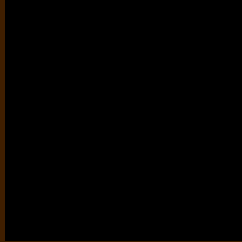
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 37.3330, 29.6190, -2.6450

Background



This preview shows how black text looks on a background with the YIQ color 37.3330, 29.6190, -2.6450.



This preview shows how white text looks on a background with the YIQ color 37.3330, 29.6190,

-2.6450.

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

37.3330, 29.6190, -2.6450

Protanopia

38.5050, 14.2150, -9.8250

Deuteranopia

37.5550, 19.9460, -9.0620



Tritanopia

39.9920, 20.8140, 8.2540

Trichromacy



Original Color

37.3330, 29.6190, -2.6450

Protanomaly

38.0220, 20.1290, -6.8710

Deuteranomaly

37.2890, 23.7510, -6.4330

Tritanomaly

39.3250, 24.0700, 4.3100

Monochromacy



Original Color

37.3330, 29.6190, -2.6450

Achromatopsia

37.0000, -0.0000, 0.0000

Achromatomaly

37.3340, 10.6830, -0.8770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 37.3330, 29.6190, -2.6450 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(64, 31, 0)` looks like.

```
.text, #text, p{  
    color:rgb(64, 31, 0)  
}
```

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(64, 31, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 31, 0) }
```

Border

The CSS property to change the border of an element to YIQ 37.3330, 29.6190, -2.6450 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(64, 31, 0) }
```


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

```
.border{ border-color:rgb(64, 31, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 31, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 31, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(64, 31, 0); box-shadow:4px  
4px 4px 4px rgb(64, 31, 0) }
```

Background

The CSS property to change the background color of an element to YIQ 37.3330, 29.6190, -2.6450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 31, 0) }
```

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

```
.background{ background-color: rgb(64, 31,  
0) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor