

Converting Colors

YIQ(74.7070, 42.8250, -10.7030)

Have a look what the booklet for
YIQ(74.7070, 42.8250, -10.7030)
contains.

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Color

**YIQ(74.7070, 42.8250,
-10.7030)**

Conversions

Conversions Part 1

Format	Color
Hex	6D4609
RGB	109, 70, 9
RGB Percent	43%, 27%, 4%
CMY	0.5725, 0.7255, 0.9645
CMYK	0.00, 0.36, 0.92, 0.57
HSL	37°, 85%, 23%
HSV	37°, 92%, 43%
XYZ	8.5471, 7.6502, 1.2862
YIQ	74.7070, 42.8250, -10.7030

Conversions

Conversions Part 2

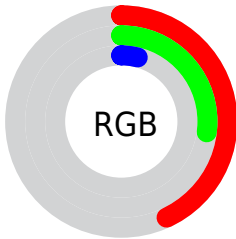
Format	Color
R_{YB}	73, 109, 9
Decimal	7161353
CIE _{Lab}	33.24, 11.75, 39.35
CIE _{LCh}	33, 41.071, 73.373
Yxy	7.6502, 0.4889, 0.4376
Android (android.graphics.Color)	4285351433 (0xFF6D4609)
YUV	74.7070, -32.3936, 30.0750
Hunter-Lab	27.6590, 6.7566, 16.6042

Details

The YIQ color **74.7070, 42.8250, -10.7030** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **43.2930, -42.8250, 10.7030**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **125.2130, 47.2720, -8.6960**, and **32.5930, 25.9510, -2.2490** is the 20% darker color. If you saturate the color by 10%, you get **71.3330, 46.8140, -11.4100**, and if you desaturate by 10%, it is **78.3090, 38.1940, -9.3740**.

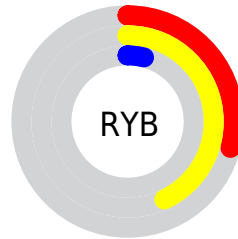
Distribution



Red (43%)

Green (27%)

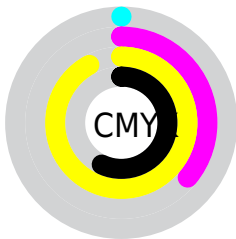
Blue (4%)



Red (29%)

Yellow (43%)

Blue (4%)

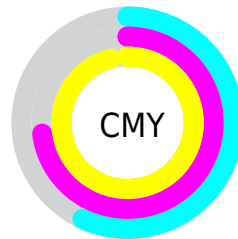


Cyan (0%)

Magenta (36%)

Yellow (92%)

Black (57%)



Cyan (57%)

Magenta (73%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 74.7070, 42.8250, -10.7030 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 74.7070, 42.8250, -10.7030 by changing the saturation by 10% instead.

■ 74.7070, 42.8250,
-10.7030

■ 74.7070, 42.8250,
-10.7030

■ 253.7460, 3.5310,
-3.4210

■ 52.9930, 36.2680,
-7.5080

■ 125.2130, 47.2720,
-8.6960

■ 32.5930, 25.9510,
-2.2490

■ 151.6970, 48.7850,
-8.5830

■ 11.0410, 19.1180,
5.9500

■ 178.4800, 50.8940,
-8.2580

■ 0.0000, 0.0000,
0.0000

■ 206.8500, 52.7280,
-8.4560

■ 227.1470, 38.4700,
-14.3780

■ 246.7750, 21.7820,

-20.3140

■ 250.5540, 12.5190,
-12.1290

■ 74.7070, 42.8250,
-10.7030

■ 74.7070, 42.8250,
-10.7030

■ 71.3330, 46.8140,
-11.4100

■ 78.3090, 38.1940,
-9.3740

■ 81.9110, 33.5630,
-8.0450

■ 86.1000, 28.6570,
-7.2390

■ 89.7020, 24.0260,
-5.9100

■ 93.3040, 19.3950,
-4.5810

■ 97.3790, 14.8100,
-4.0860

■ 100.9810, 10.1790,
-2.7570

■ 104.5830, 5.5480,
-1.4280

■ 108.1850, 0.9170,
-0.0990

Harmonies

Analogous

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



75.4330, 50.2490, 8.9450



74.7070, 42.8250, -10.7030



72.1080, 25.0380, -24.2580

Triad

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



74.7070, 42.8250, -10.7030



65.0790, -55.1070, -20.0270



80.6470, 0.6370, 27.0130

Complementary

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



74.7070, 42.8250, -10.7030



43.2930, -42.8250, 10.7030

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.



72.7490, -44.1090, 11.9470



74.7070, 42.8250, -10.7030



67.9120, -64.4620, -10.1740

Square

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



74.7070, 42.8250, -10.7030



60.6160, -43.9180, -30.0780



67.0290, -68.8650, -1.9610



77.9080, 30.7590, 31.7750

Rectangle

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



74.7070, 42.8250, -10.7030



69.8760, 5.1400, -27.0840



67.0290, -68.8650, -1.9610



79.8950, -11.9250, 23.3950

Sweetspot

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



74.7070, 42.8250, -10.7030



129.0480, 17.2400, -4.0720



43.4600, 46.7600, 33.6400



62.9810, 10.1790, -2.7570



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



74.7070, 42.8250, -10.7030



93.8260, 61.3030, -15.1850



94.6100, 26.1400, -33.2200



51.5550, 2.7510, -0.2970



77.2470, 49.9320, -12.8520



160.7180, 105.0450, -25.9870

Inverse Universe

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



43.2930, -42.8250, 10.7030



49.1740, -61.3030, 15.1850



23.3900, -26.1400, 33.2200



49.8580, -2.4760, 0.8200



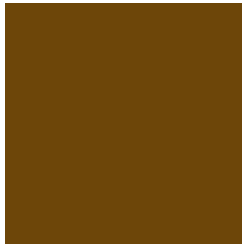
40.3400, -50.2070, 12.3290



84.2820, -105.0450, 25.9870

Previews

White Background



This preview shows how the YIQ color 74.7070, 42.8250, -10.7030 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



This preview shows how the YIQ color 74.7070, 42.8250, -10.7030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

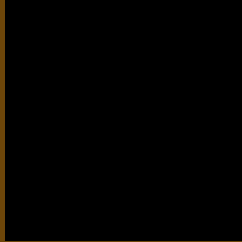
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 74.7070, 42.8250, -10.7030

Background



This preview shows how black text looks on a background with the YIQ color 74.7070, 42.8250, -10.7030.



This preview shows how white text looks on a background with the YIQ color 74.7070, 42.8250,

-10.7030.

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

74.7070, 42.8250, -10.7030

Protanopia

74.3520, 27.4670, -18.7170

Deuteranopia

73.9250, 38.9750, -18.0250



Tritanopia

79.6230, 26.4070, 11.5190

Trichromacy



Original Color

74.7070, 42.8250, -10.7030

Protanomaly

74.5700, 32.7850, -15.9750

Deuteranomaly

73.9900, 40.3500, -15.4100

Tritanomaly

77.9900, 32.3230, 3.4190

Monochromacy



Original Color

74.7070, 42.8250, -10.7030

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

74.6780, 15.4060, -3.8740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.7070, 42.8250, -10.7030 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(109, 70, 9)` looks like.

```
.text, #text, p{  
    color:rgb(109, 70, 9)  
}
```

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(109, 70, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 70, 9) }
```

Border

The CSS property to change the border of an element to YIQ 74.7070, 42.8250, -10.7030 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(109, 70, 9) }
```


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

```
.border{ border-color:rgb(109, 70, 9) }
```

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

Here you see how a box with a 4 pixel rgb(109, 70, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 70, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 70, 9);  
box-shadow:4px 4px 4px 4px rgb(109, 70, 9)  
}
```

Background

The CSS property to change the background color of an element to YIQ 74.7070, 42.8250, -10.7030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 70, 9) }
```

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

```
.background{ background-color: rgb(109, 70,  
9) }
```

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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