

Converting Colors

YIQ(74.0840, 34.7540, -2.0940)

Have a look what the booklet for
YIQ(74.0840, 34.7540, -2.0940)
contains.

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Color

**YIQ(74.0840, 34.7540,
-2.0940)**

Conversions

Conversions Part 1

Format	Color
Hex	6A4220
RGB	106, 66, 32
RGB Percent	42%, 26%, 13%
CMY	0.5842, 0.7412, 0.8743
CMYK	0.00, 0.38, 0.70, 0.58
HSL	28°, 54%, 27%
HSV	28°, 70%, 42%
XYZ	8.1546, 7.0643, 2.3032
YIQ	74.0840, 34.7540, -2.0940

Conversions

Conversions Part 2

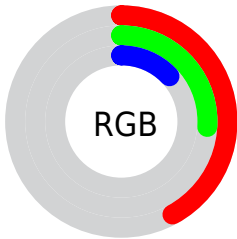
Format	Color
RYB	106, 95, 32
Decimal	6963744
CIELab	31.95, 13.83, 27.36
CIELCh	32, 30.662, 63.185
Yxy	7.0643, 0.4654, 0.4032
Android (android.graphics.Color)	4285153824 (0xFF6A4220)
YUV	74.0840, -20.7474, 27.9903
Hunter-Lab	26.5787, 8.2527, 13.4672

Details

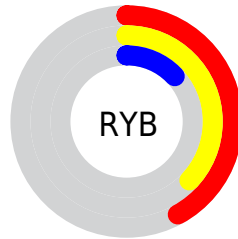
The YIQ color **74.0840, 34.7540, -2.0940** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **63.9160, -34.7540, 2.0940**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **123.6500, 38.9720, -1.4440**, and **29.9460, 26.4550, -0.3690** is the 20% darker color. If you saturate the color by 10%, you get **69.3080, 39.9350, -2.3770**, and if you desaturate by 10%, it is **78.8600, 29.5730, -1.8110**.

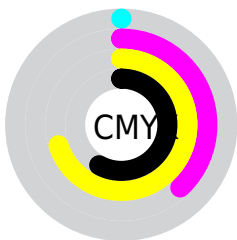
Distribution



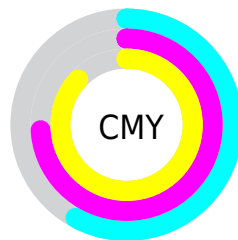
- Red (42%)
- Green (26%)
- Blue (13%)



- Red (42%)
- Yellow (37%)
- Blue (13%)



- Cyan (0%)
- Magenta (38%)
- Yellow (70%)
- Black (58%)



- Cyan (58%)
- Magenta (74%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 74.0840, 34.7540, -2.0940 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 74.0840, 34.7540, -2.0940 by changing the saturation by 10% instead.

74.0840, 34.7540,
-2.0940

74.0840, 34.7540,
-2.0940

255.0000, -0.0000,
-0.0000

50.8880, 32.3700,
-2.9420

123.6500, 38.9720,
-1.4440

29.9460, 26.4550,
-0.3690

150.0200, 40.8060,
-1.6420

9.5680, 19.0720,
6.7840

176.8030, 42.9150,
-1.3170

0.0000, 0.0000,
0.0000

204.2870, 44.4280,
-1.2040

226.4920, 33.4250,
-5.5430

246.7070, 16.4620,

-12.0020

252.8340, 6.0990,
-5.9090

74.0840, 34.7540,
-2.0940

74.0840, 34.7540,
-2.0940

69.3080, 39.9350,
-2.3770

78.8600, 29.5730,
-1.8110

65.2330, 44.5200,
-2.8720

82.9350, 24.9880,
-1.3160

60.4570, 49.7010,
-3.1550

87.7110, 19.8070,
-1.0330

92.3730, 14.9470,
-1.0610

97.1490, 9.7660,
-0.7780

■ 101.3380, 4.8600,
0.0280

■ 106.0000, -0.0000,
-0.0000

■ 110.7760, -5.1810,
0.2830

■ 115.4380,
-10.0410, 0.2550

Harmonies

Analogous

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



75.0280, 38.3280, 10.2320



74.0840, 34.7540, -2.0940



72.5890, 22.6060, -13.2180

Triad

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



74.0840, 34.7540, -2.0940



59.8470, -48.6420, -21.5540



77.0600, -8.2560, 17.4720

Complementary

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



74.0840, 34.7540, -2.0940



63.9160, -34.7540, 2.0940

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.



69.3870, -40.3940, 5.1900



74.0840, 34.7540, -2.0940



62.5830, -56.3460, -14.0900

Square

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



74.0840, 34.7540, -2.0940



64.3090, -23.7000, -22.0360



62.1730, -60.7030, -6.7110



77.6840, 16.4100, 21.9940

Rectangle

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



74.0840, 34.7540, -2.0940



70.6090, 10.6860, -17.4580



62.1730, -60.7030, -6.7110



75.2760, -17.7920, 14.0800

Sweetspot

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



74.0840, 34.7540, -2.0940



125.3020, 13.7090, -0.6510



58.8000, 30.9430, 28.4390



61.7790, 7.9320, -0.5800



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

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



74.0840, 34.7540, -2.0940



87.7950, 54.5610, -3.1270



95.2160, 24.8540, -20.9220



51.5550, 2.7510, -0.2970



66.6810, 54.8820, -3.4380



138.9990, 115.2200, -6.6360

Inverse Universe

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



63.9160, -34.7540, 2.0940



72.2050, -54.5610, 3.1270



42.7840, -24.8540, 20.9220



50.4450, -2.7510, 0.2970



50.3190, -54.8820, 3.4380



105.4140, -114.9450, 7.1590

Previews

White Background



This preview shows how the YIQ color 74.0840, 34.7540, -2.0940 looks on a white background.

Color Contrast Check

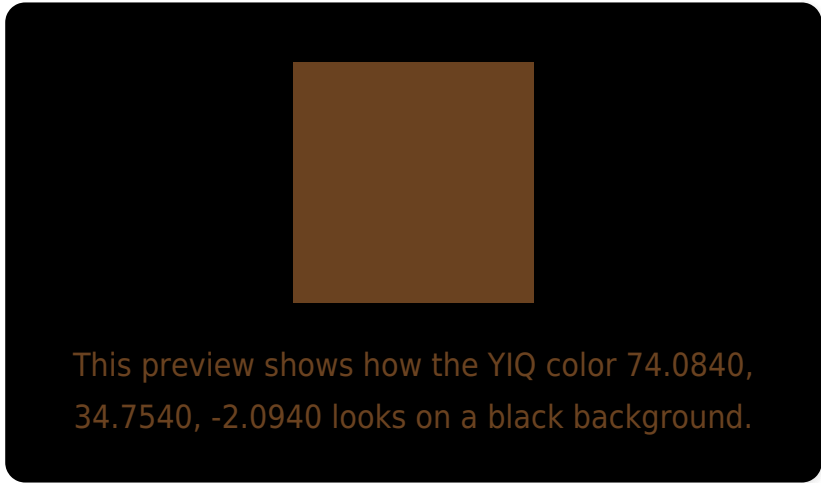
Large Text (above 18pt) WCAG AA ✓ Pass

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 74.0840, 34.7540, -2.0940

Background



This preview shows how black text looks on a background with the YIQ color 74.0840, 34.7540, -2.0940.



This preview shows how white text looks on a background with the YIQ color 74.0840, 34.7540,

-2.0940.

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

74.0840, 34.7540, -2.0940

Protanopia

73.7180, 17.9290, -11.0550

Deuteranopia

73.7900, 26.5940, -8.3980



Tritanopia

76.3240, 25.8110, 11.3070

Trichromacy



Original Color

74.0840, 34.7540, -2.0940

Protanomaly

73.6480, 24.1180, -7.5780

Deuteranomaly

73.9260, 29.2070, -6.1930

Tritanomaly

75.1300, 29.1130, 6.5290

Monochromacy



Original Color

74.0840, 34.7540, -2.0940

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

74.1170, 12.7920, -0.5520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.0840, 34.7540, -2.0940 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(106, 66, 32)` looks like.

```
.text, #text, p{  
    color:rgb(106, 66, 32)  
}
```

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(106, 66, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 66, 32) }
```

Border

The CSS property to change the border of an element to YIQ 74.0840, 34.7540, -2.0940 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(106, 66, 32) }
```


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

```
.border{ border-color:rgb(106, 66, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 66, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 66, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 66, 32);  
box-shadow:4px 4px 4px 4px rgb(106, 66,  
32) }
```

Background

The CSS property to change the background color of an element to YIQ 74.0840, 34.7540, -2.0940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 66, 32) }
```

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

```
.background{ background-color: rgb(106, 66,  
32) }
```

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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