

Converting Colors

YIQ(74.2940, -54.8750,
-35.2510)

Have a look what the booklet for
YIQ(74.2940, -54.8750, -35.2510)
contains.

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Color

**YIQ(74.2940, -54.8750,
-35.2510)**

Conversions

Conversions Part 1

Format	Color
Hex	00704B
RGB	0, 112, 75
RGB Percent	0%, 44%, 29%
CMY	1.0000, 0.5606, 0.7061
CMYK	1.00, 0.00, 0.33, 0.56
HSL	160°, 100%, 22%
HSV	160°, 100%, 44%
XYZ	7.0677, 12.1061, 8.6122
YIQ	74.2940, -54.8750, -35.2510

Conversions

Conversions Part 2

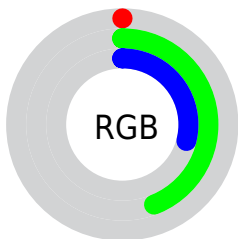
Format	Color
RYB	0, 67, 112
Decimal	28747
CIELab	41.38, -37.09, 13.09
CIELCh	41, 39.330, 160.564
Yxy	12.1061, 0.2544, 0.4357
Android (android.graphics.Color)	4278218827 (0xFF00704B)
YUV	74.2940, 0.3481, -65.1558
Hunter-Lab	34.7938, -24.6301, 9.6802

Details

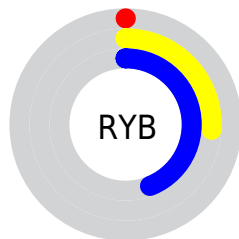
The YIQ color **74.2940, -54.8750, -35.2510** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **37.7060, 54.8750, 35.2510**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **132.8180, -41.6710, -32.2550**, and **40.5150, -27.2760, -23.3080** is the 20% darker color. If you saturate the color by 10%, you get **74.2940, -54.8750, -35.2510**, and if you desaturate by 10%, it is **78.0390, -49.6030, -31.6750**.

Distribution



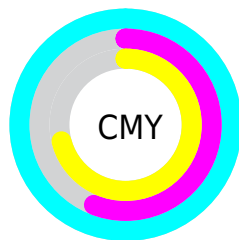
- Red (0%)
- Green (44%)
- Blue (29%)



- Red (0%)
- Yellow (26%)
- Blue (44%)



- Cyan (100%)
- Magenta (0%)
- Yellow (33%)
- Black (56%)



- Cyan (100%)
- Magenta (56%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 74.2940, -54.8750, -35.2510 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 74.2940, -54.8750, -35.2510 by changing the saturation by 10% instead.

■ 74.2940, -54.8750,
-35.2510

■ 74.2940, -54.8750,
-35.2510

■ 255.0000, -0.0000,
-0.0000

■ 56.9970, -40.6170,
-29.3290

■ 132.8180,
-41.6710, -32.2550

■ 40.5150, -27.2760,
-23.3080

■ 160.0030,
-40.7540, -32.3540

■ 24.9790, -13.8430,
-18.9550

■ 187.7750,
-40.1120, -32.9760

■ 5.2830, -2.4750,
-4.7070

■ 216.3620,
-40.3870, -33.4990


■ 0.0000, 0.0000,
0.0000


■ 231.4480,
-34.3370, -21.9930


■ 242.7410,


-24.4360, -8.6920


 251.4120, -7.1520,
-2.5440


 74.2940, -54.8750,
-35.2510

 78.0390, -49.6030,
-31.6750

 81.6700, -44.0100,
-28.4100

 85.7140, -38.1420,
-24.6220

 89.4590, -32.8700,
-21.0460

 93.2040, -27.5980,
-17.4700

■ 96.8350, -22.0050,
-14.2050

■ 100.5800,
-16.7330, -10.6290

■ 104.6240,
-10.8650, -6.8410

■ 108.2550, -5.2720,
-3.5760

Harmonies

Analogous

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



89.2710, -3.3420, -27.5500



74.2940, -54.8750, -35.2510



79.2300, -66.0180, -26.0340

Triad

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



74.2940, -54.8750, -35.2510



92.9340, -43.1920, 11.8480



96.5580, 51.3950, 10.2030

Complementary

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



74.2940, -54.8750, -35.2510



37.7060, 54.8750, 35.2510

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.



97.3640, 46.6700, 24.2540



74.2940, -54.8750, -35.2510



100.1520, -2.3430, 25.9530

Square

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



74.2940, -54.8750, -35.2510



80.8210, -80.1430, -6.8230



99.5980, 28.6960, 30.6160



95.4130, 43.8330, -6.9430

Rectangle

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



74.2940, -54.8750, -35.2510



81.1510, -72.8050, -18.6690



99.5980, 28.6960, 30.6160



96.8340, 50.7980, 15.5180

Sweetspot

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



74.2940, -54.8750, -35.2510



130.5470, -21.1340, -13.4700



76.8070, -8.7480, -50.7320



64.9010, -13.2030, -8.5230



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



74.2940, -54.8750, -35.2510



96.1730, -71.0120, -45.6680



67.3590, -61.5270, -13.8070



53.9780, -2.9340, -1.8940



79.5600, -58.6800, -37.8800



163.7990, -120.8900, -77.8660

Inverse Universe

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



37.7060, 54.8750, 35.2510



48.8270, 71.0120, 45.6680



44.6410, 61.5270, 13.8070



52.0220, 2.9340, 1.8940



40.4400, 58.6800, 37.8800



83.2010, 120.8900, 77.8660

Previews

White Background



This preview shows how the YIQ color 74.2940, -54.8750, -35.2510 looks on a white background.

Color Contrast Check

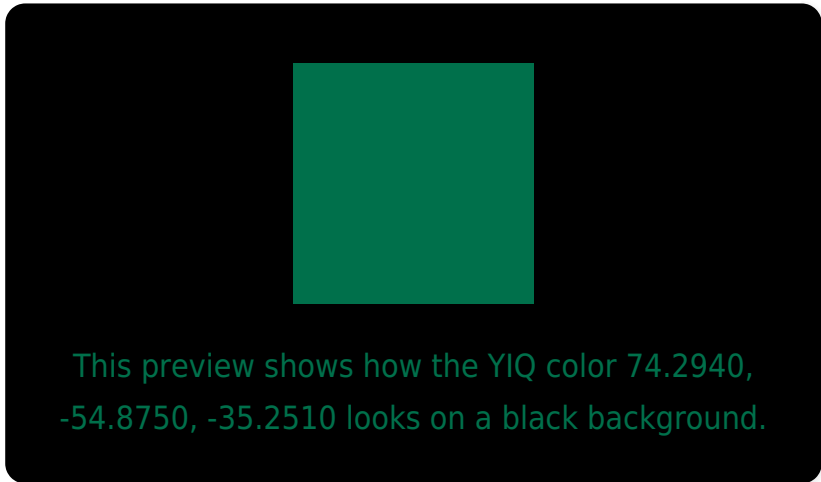
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 74.2940, -54.8750, -35.2510

Background



This preview shows how black text looks on a background with the YIQ color 74.2940, -54.8750, -35.2510.



This preview shows how white text looks on a background with the YIQ color 74.2940, -54.8750,

-35.2510.

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

74.2940, -54.8750, -35.2510

Protanopia

96.2000, 13.7560, -7.0120

Deuteranopia

97.9710, 16.1390, -0.6370



Tritanopia

87.6940, -43.4170, -11.6170

Trichromacy



Original Color

74.2940, -54.8750, -35.2510

Protanomaly

88.0010, -10.9090, -17.0610

Deuteranomaly

89.7070, -9.9010, -13.3010

Tritanomaly

82.9720, -47.4960, -20.2960

Monochromacy



Original Color

74.2940, -54.8750, -35.2510

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

74.1450, -19.9420, -13.0460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.2940, -54.8750, -35.2510 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(0, 112, 75)` looks like.

```
.text, #text, p{  
    color:rgb(0, 112, 75)  
}
```

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(0, 112, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 112, 75) }
```

Border

The CSS property to change the border of an element to YIQ 74.2940, -54.8750, -35.2510 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(0, 112, 75) }
```


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

```
.border{ border-color:rgb(0, 112, 75) }
```

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

Here you see how a box with a 4 pixel rgb(0, 112, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 112, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 112, 75);  
box-shadow:4px 4px 4px 4px rgb(0, 112, 75)  
}
```

Background

The CSS property to change the background color of an element to YIQ 74.2940, -54.8750, -35.2510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 112, 75) }
```

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

```
.background{ background-color: rgb(0, 112,  
75) }
```

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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