

Converting Colors

YIQ(42.5740, -17.7370,
-36.4970)

Have a look what the booklet for
YIQ(42.5740, -17.7370, -36.4970)
contains.

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Color

**YIQ(42.5740, -17.7370,
-36.4970)**

Conversions

Conversions Part 1

Format	Color
Hex	034700
RGB	3, 71, 0
RGB Percent	1%, 28%, 0%
CMY	0.9884, 0.7215, 1.0000
CMYK	0.96, 0.00, 1.00, 0.72
HSL	118°, 100%, 14%
HSV	118°, 100%, 28%
XYZ	2.2919, 4.5291, 0.7534
YIQ	42.5740, -17.7370, -36.4970

Conversions

Conversions Part 2

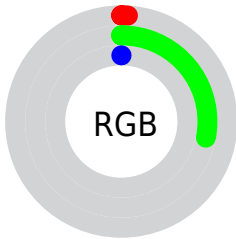
Format	Color
RYB	0, 71, 68
Decimal	214784
CIELab	25.35, -33.77, 32.93
CIELCh	25, 47.170, 135.727
Yxy	4.5291, 0.3026, 0.5979
Android (android.graphics.Color)	4278404864 (0xFF034700)
YUV	42.5740, -20.9890, -34.7064
Hunter-Lab	21.2817, -18.0194, 12.7982

Details

The YIQ color **42.5740, -17.7370, -36.4970** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **28.4260, 17.7370, 36.4970**, and the grayscale version is **43.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **94.5640, -11.7770, -34.3770**, and **15.8490, -7.4250, -14.1210** is the 20% darker color. If you saturate the color by 10%, you get **42.5740, -17.7370, -36.4970**, and if you desaturate by 10%, it is **45.4650, -15.8120, -32.8360**.

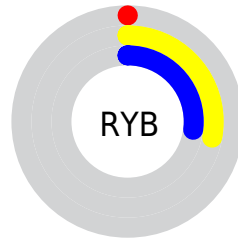
Distribution



Red (1%)

Green (28%)

Blue (0%)



Red (0%)

Yellow (28%)

Blue (27%)

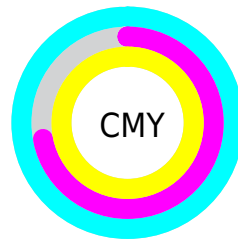


Cyan (96%)

Magenta (0%)

Yellow (100%)

Black (72%)



Cyan (99%)


Magenta (72%)

Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 42.5740, -17.7370, -36.4970 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 42.5740, -17.7370, -36.4970 by changing the saturation by 10% instead.


 42.5740, -17.7370,
-36.4970


 42.5740, -17.7370,
-36.4970

 252.0790, 6.7870,
-7.3650


 28.1760, -13.2000,
-25.1040


 94.5640, -11.7770,
-34.3770


 15.8490, -7.4250,
-14.1210

 120.3360,
-11.1350, -34.9990

 0.0000, 0.0000,
0.0000


 147.1080,
-10.4930, -35.6210


 174.1680,
-10.7220, -36.9780


 201.9400,
-10.0800, -37.6000


 228.6520, -9.2090,


-36.8650


 240.2160, -1.5090,
-22.2210


 42.5740, -17.7370,
-36.4970

 45.4650, -15.8120,
-32.8360

 48.3560, -13.8870,
-29.1750

 50.9480, -12.5580,
-25.7260

 53.8390, -10.6330,
-22.0650

 56.8440, -9.0290,
-18.0930

■ 59.7350, -7.1040,
-14.4320

■ 62.6260, -5.1790,
-10.7710

■ 65.2180, -3.8500,
-7.3220

■ 68.1090, -1.9250,
-3.6610

Harmonies

Analogous

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



54.9100, 16.9680, -21.1760



42.5740, -17.7370, -36.4970



48.1120, -33.5110, -25.9510

Triad

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



42.5740, -17.7370, -36.4970



55.3230, -60.7050, 4.3430



48.1250, 55.0130, 32.7490

Complementary

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



42.5740, -17.7370, -36.4970



28.4260, 17.7370, 36.4970

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.



53.0710, 37.9100, 39.8460



42.5740, -17.7370, -36.4970



48.8660, -57.6800, 10.0960

Square

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



42.5740, -17.7370, -36.4970



56.0920, -55.9810, -4.1810



61.2500, 3.4330, 31.4090



53.9450, 54.5590, 7.9270

Rectangle

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



42.5740, -17.7370, -36.4970



51.5490, -41.8110, -18.6990



61.2500, 3.4330, 31.4090



47.1450, 52.2610, 38.5730

Sweetspot

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



42.5740, -17.7370, -36.4970



80.7350, -7.1040, -14.4320



60.5580, 23.8910, -19.9890



39.2780, -4.0790, -8.6790



173.0000, -0.0000, 0.0000



46.0000, 0.0000, -0.0000

Same Dimension

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



42.5740, -17.7370, -36.4970



55.2000, -22.9160, -47.2680



45.3250, -29.7970, -27.1810



34.3480, -1.1000, -2.0920



59.3090, -24.8410, -50.9290



135.9400, -57.0610, -116.8130

Inverse Universe

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



28.4260, 17.7370, 36.4970



36.8000, 22.9160, 47.2680



25.6750, 29.7970, 27.1810



33.6520, 1.1000, 2.0920



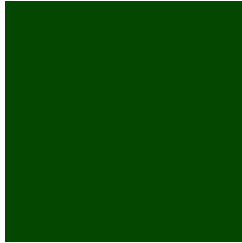
39.6910, 24.8410, 50.9290



91.0600, 57.0610, 116.8130

Previews

White Background



This preview shows how the YIQ color 42.5740, -17.7370, -36.4970 looks on a white background.

Color Contrast Check

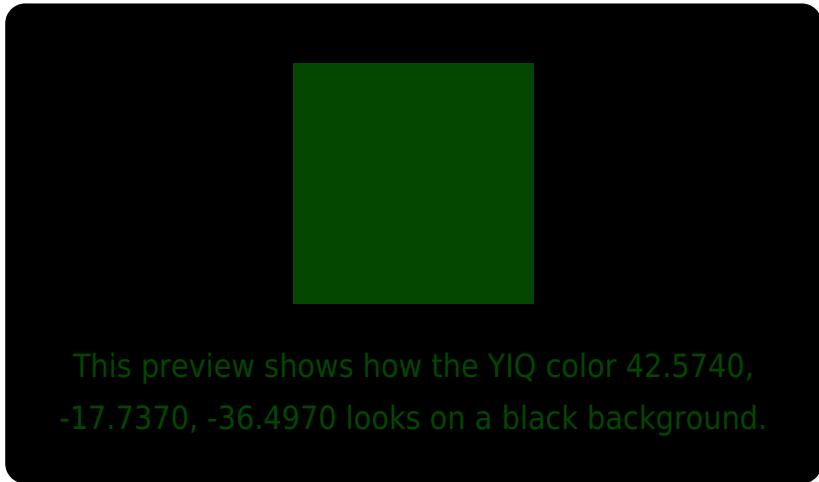
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.5740, -17.7370, -36.4970

Background



This preview shows how black text looks on a background with the YIQ color 42.5740, -17.7370, -36.4970.



This preview shows how white text looks on a background with the YIQ color 42.5740, -17.7370,

-36.4970.

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

42.5740, -17.7370, -36.4970

Protanopia

56.1390, 23.7530, -17.4870

Deuteranopia

58.4800, 24.5310, -9.5570



Tritanopia

55.8060, -23.0610, -6.0770

Trichromacy



Original Color

42.5740, -17.7370, -36.4970

Protanomaly

51.3110, 8.3490, -24.6670

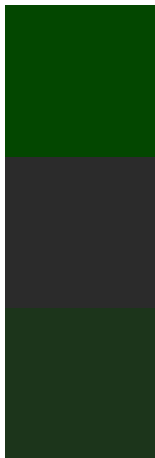
Deuteranomaly

52.7720, 8.6690, -19.4510

Tritanomaly

51.0260, -21.2250, -17.3290

Monochromacy



Original Color

42.5740, -17.7370, -36.4970

Achromatopsia

43.0000, -0.0000, -0.0000

Achromatomaly

42.5610, -6.5540, -13.3860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 42.5740, -17.7370, -36.4970 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(3, 71, 0)` looks like.

```
.text, #text, p{  
    color:rgb(3, 71, 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(3, 71, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 71, 0) }
```

Border

The CSS property to change the border of an element to YIQ 42.5740, -17.7370, -36.4970 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(3, 71, 0) }
```


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

```
.border{ border-color:rgb(3, 71, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 71, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 71, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(3, 71, 0); box-shadow:4px  
4px 4px 4px rgb(3, 71, 0) }
```

Background

The CSS property to change the background color of an element to YIQ 42.5740, -17.7370, -36.4970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 71, 0) }
```

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

```
.background{ background-color: rgb(3, 71,  
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](#).

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