

Converting Colors

YIQ(42.3890, -26.6810,
-17.5690)

Have a look what the booklet for
YIQ(42.3890, -26.6810, -17.5690)
contains.

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Color

**YIQ(42.3890, -26.6810,
-17.5690)**

Conversions

Conversions Part 1

Format	Color
Hex	063D2A
RGB	6, 61, 42
RGB Percent	2%, 24%, 16%
CMY	0.9766, 0.7607, 0.8354
CMYK	0.90, 0.00, 0.31, 0.76
HSL	159°, 82%, 13%
HSV	159°, 90%, 24%
XYZ	2.1621, 3.5454, 2.7587
YIQ	42.3890, -26.6810, -17.5690

Conversions

Conversions Part 2

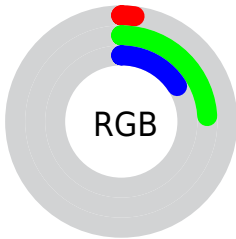
Format	Color
RYB	6, 39, 61
Decimal	408874
CIELab	22.11, -22.59, 6.96
CIELCh	22, 23.635, 162.869
Yxy	3.5454, 0.2554, 0.4188
Android (android.graphics.Color)	4278598954 (0xFF063D2A)
YUV	42.3890, -0.1918, -31.9132
Hunter-Lab	18.8293, -12.4546, 4.4939

Details

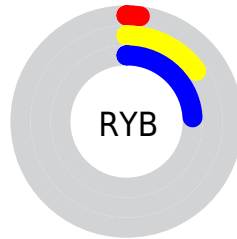
The YIQ color **42.3890, -26.6810, -17.5690** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **24.6110, 26.6810, 17.5690**, and the grayscale version is **42.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **91.5420, -22.7380, -17.4420**, and **8.2180, -3.8500, -7.3220** is the 20% darker color. If you saturate the color by 10%, you get **40.3670, -29.6150, -19.4630**, and if you desaturate by 10%, it is **44.4110, -23.7470, -15.6750**.

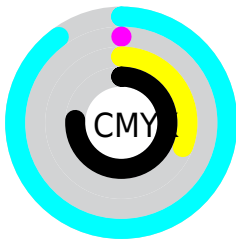
Distribution



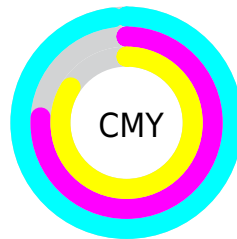
- Red (2%)
- Green (24%)
- Blue (16%)



- Red (2%)
- Yellow (15%)
- Blue (24%)



- Cyan (90%)
- Magenta (0%)
- Yellow (31%)
- Black (76%)



- Cyan (98%)
- Magenta (76%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 42.3890, -26.6810, -17.5690 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 42.3890, -26.6810, -17.5690 by changing the saturation by 10% instead.

■ 42.3890, -26.6810,
-17.5690

■ 42.3890, -26.6810,
-17.5690

■ 252.3090, -5.3640,
-1.9080

■ 25.4010, -17.7870,
-13.5550

■ 91.5420, -22.7380,
-17.4420

■ 8.2180, -3.8500,
-7.3220

■ 117.1290,
-23.0130, -17.9650

■ 0.0000, 0.0000,
0.0000


■ 142.7160,
-23.2880, -18.4880


■ 169.3030,
-23.5630, -19.0110


■ 196.8900,
-23.8380, -19.5340


■ 224.5910,


-24.4340, -19.7460


 243.0250,
-19.4840, -10.3320


 42.3890, -26.6810,
-17.5690


 42.3890, -26.6810,
-17.5690


 40.3670, -29.6150,
-19.4630

 44.4110, -23.7470,
-15.6750

 46.4330, -20.8130,
-13.7810

 48.4550, -17.8790,
-11.8870

 50.4770, -14.9450,
-9.9930

 52.6130, -12.3320,
-7.7880

■ 54.9340, -8.8020,
-5.6820

■ 56.9560, -5.8680,
-3.7880

■ 58.9780, -2.9340,
-1.8940

■ 61.0000, 0.0000,
-0.0000

Harmonies

Analogous

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



48.3610, -3.1150, -15.1390



42.3890, -26.6810, -17.5690



43.2340, -36.3100, -13.7660

Triad

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



42.3890, -26.6810, -17.5690



51.5050, -20.1750, 7.7050



52.5920, 27.6920, 4.7480

Complementary

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



42.3890, -26.6810, -17.5690



24.6110, 26.6810, 17.5690

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.



53.2640, 26.0400, 12.6640



42.3890, -26.6810, -17.5690



54.5570, 0.4100, 14.6020

Square

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



42.3890, -26.6810, -17.5690



43.8500, -43.5560, -3.5880



54.1090, 16.4110, 16.4670



51.5710, 23.0170, -4.1430

Rectangle

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



42.3890, -26.6810, -17.5690



43.9010, -39.5660, -9.8220



54.1090, 16.4110, 16.4670



52.5860, 27.8290, 7.7730

Sweetspot

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



42.3890, -26.6810, -17.5690



71.9230, -10.2690, -6.6290



43.9660, -3.8010, -24.7370



36.5430, -6.1430, -4.3110



168.0000, -0.0000, -0.0000



41.0000, 0.0000, -0.0000

Same Dimension

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



42.3890, -26.6810, -17.5690



52.3010, -38.4170, -25.1450



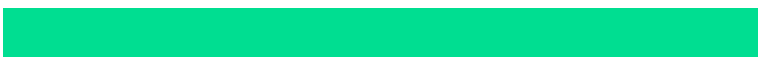
39.8590, -30.5800, -7.4760



29.9890, -1.4670, -0.9470



62.2460, -45.7520, -29.8800



146.8440, -107.5950, -71.0110

Inverse Universe

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



24.6110, 26.6810, 17.5690



26.6990, 38.4170, 25.1450



27.1410, 30.5800, 7.4760



29.0110, 1.4670, 0.9470



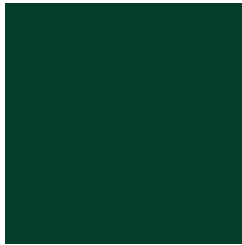
31.8680, 45.4310, 30.1910



75.1560, 107.5950, 71.0110

Previews

White Background



This preview shows how the YIQ color 42.3890, -26.6810, -17.5690 looks on a white background.

Color Contrast Check

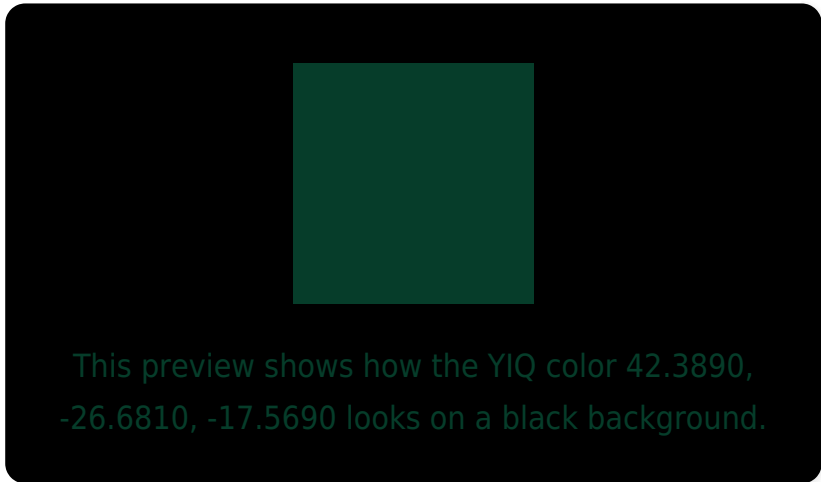
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.3890, -26.6810, -17.5690

Background



This preview shows how black text looks on a background with the YIQ color 42.3890, -26.6810, -17.5690.



This preview shows how white text looks on a background with the YIQ color 42.3890, -26.6810,

-17.5690.

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

42.3890, -26.6810, -17.5690

Protanopia

52.4860, 7.1990, -3.8170

Deuteranopia

53.1920, 8.2070, -0.0570



Tritanopia

47.5070, -23.6570, -6.2890

Trichromacy



Original Color

42.3890, -26.6810, -17.5690

Protanomaly

48.6800, -5.2710, -9.1030

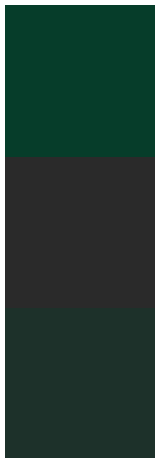
Deuteranomaly

49.4460, -4.4920, -6.7000

Tritanomaly

45.6870, -24.3440, -10.3600

Monochromacy



Original Color

42.3890, -26.6810, -17.5690

Achromatopsia

42.0000, -0.0000, -0.0000

Achromatomaly

42.2220, -9.6730, -6.4170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 42.3890, -26.6810, -17.5690 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(6, 61, 42)` looks like.

```
.text, #text, p{  
    color:rgb(6, 61, 42)  
}
```

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(6, 61, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 61, 42) }
```

Border

The CSS property to change the border of an element to YIQ 42.3890, -26.6810, -17.5690 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(6, 61, 42) }
```


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

```
.border{ border-color:rgb(6, 61, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 61, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 61, 42); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 61, 42); box-shadow:4px  
4px 4px 4px rgb(6, 61, 42) }
```

Background

The CSS property to change the background color of an element to YIQ 42.3890, -26.6810, -17.5690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 61, 42) }
```

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

```
.background{ background-color: rgb(6, 61,  
42) }
```

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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