

Converting Colors

YIQ(100.6770, -1.1890,
-17.0050)

Have a look what the booklet for
YIQ(100.6770, -1.1890, -17.0050)
contains.

YIQ(100.6770, -1.1890, -17.0050)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(100.6770, -1.1890,
-17.0050)**

Conversions

Conversions Part 1

Format	Color
Hex	597049
RGB	89, 112, 73
RGB Percent	35%, 44%, 29%
CMY	0.6511, 0.5607, 0.7137
CMYK	0.21, 0.00, 0.35, 0.56
HSL	95°, 21%, 36%
HSV	95°, 35%, 44%
XYZ	11.1159, 14.1944, 8.4584
YIQ	100.6770, -1.1890, -17.0050

Conversions

Conversions Part 2

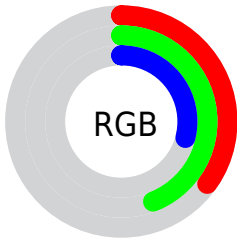
Format	Color
RYB	73, 112, 96
Decimal	5861449
CIELab	44.51, -16.31, 18.99
CIELCh	45, 25.031, 130.650
Yxy	14.1944, 0.3292, 0.4203
Android (android.graphics.Color)	4284051529 (0xFF597049)
YUV	100.6770, -13.6448, -10.2407
Hunter-Lab	37.6755, -13.2667, 13.0619

Details

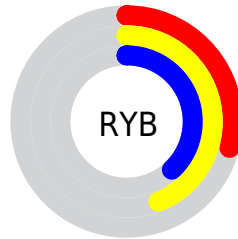
The YIQ color $100.6770, -1.1890, -17.0050$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $84.3230, 1.1890, 17.0050$, and the grayscale version is $101.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $152.0360, -0.8220, -18.1500$, and $53.3180, -1.5560, -15.8600$ is the 20% darker color. If you saturate the color by 10%, you get $97.3300, -1.8300, -21.9100$, and if you desaturate by 10%, it is $104.0240, -0.5480, -12.1000$.

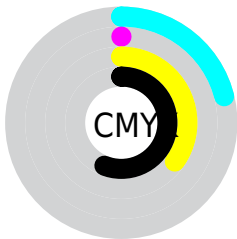
Distribution



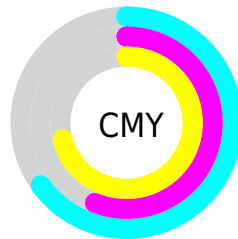
- Red (35%)
- Green (44%)
- Blue (29%)



- Red (29%)
- Yellow (44%)
- Blue (38%)



- Cyan (21%)
- Magenta (0%)
- Yellow (35%)
- Black (56%)



- Cyan (65%)
- Magenta (56%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 100.6770, -1.1890, -17.0050 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 100.6770, -1.1890, -17.0050 by changing the saturation by 10% instead.

■ 100.6770, -1.1890,
-17.0050

■ 100.6770, -1.1890,
-17.0050

■ 255.0000, -0.0000,
-0.0000

■ 76.7910, -1.5100,
-16.6940

■ 152.0360, -0.8220,
-18.1500

■ 53.3180, -1.5560,
-15.8600

■ 178.6230, -1.0970,
-18.6730

■ 31.5030, -0.6390,
-15.9590

■ 206.5090, -0.7760,
-18.9840

■ 13.5010, -6.3250,
-12.0290

■ 234.3950, -0.4550,
-19.2950

■ 0.0000, 0.0000,
0.0000

■ 250.6550, 5.0450,
-8.8350

■ 100.6770, -1.1890,
-17.0050

■ 100.6770, -1.1890,
-17.0050

■ 97.3300, -1.8300,
-21.9100

■ 104.0240, -0.5480,
-12.1000

■ 94.2820, -1.8750,
-26.6030

■ 107.0720, -0.5030,
-7.4070

■ 90.8210, -2.1950,
-31.8190

■ 110.5330, -0.1830,
-2.1910

■ 87.7730, -2.2400,
-36.5120

■ 113.5810, -0.1380,
2.5020

■ 84.4260, -2.8810,
-41.4170

■ 116.9280, 0.5030,
7.4070

■ 81.0790, -3.5220,
-46.3220

■ 120.2750, 1.1440,
12.3120

■ 79.4980, -3.3840,
-48.8240

■ 123.3230, 1.1890,
17.0050

■ 126.7840, 1.5090,

22.2210

■ 130.1310, 2.1500,
27.1260

Harmonies

Analogous

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



103.0060, 17.0580, -11.7900



100.6770, -1.1890, -17.0050



97.0150, -22.6920, -18.2760

Triad

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



100.6770, -1.1890, -17.0050



97.7190, -44.5650, -1.8210



107.1830, 30.7620, 15.1940

Complementary

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



100.6770, -1.1890, -17.0050



84.3230, 1.1890, 17.0050

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.



108.0600, 18.1070, 18.7710



100.6770, -1.1890, -17.0050



104.5910, -23.2930, 9.1470

Square

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



100.6770, -1.1890, -17.0050



90.6260, -57.9050, -13.3690



107.5400, -0.9200, 16.6800



106.3540, 34.2940, 6.2460

Rectangle

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



100.6770, -1.1890, -17.0050



93.8160, -38.1890, -18.2610



107.5400, -0.9200, 16.6800



107.3830, 27.3230, 16.9470

Sweetspot

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



100.6770, -1.1890, -17.0050



141.0120, -0.2740, -6.0500



98.1620, 16.9190, -3.7610



71.4790, -0.0910, -3.8590



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.



100.6770, -1.1890, -17.0050



127.2820, -1.8750, -26.6030



96.2350, -11.6880, -19.4640



54.4190, 0.1380, -2.5020



85.0910, -3.7960, -52.3720



175.1880, -7.7290, -107.7690

Inverse Universe

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



84.3230, 1.1890, 17.0050



101.7180, 1.8750, 26.6030



88.7650, 11.6880, 19.4640



51.8800, 0.4580, 2.7140



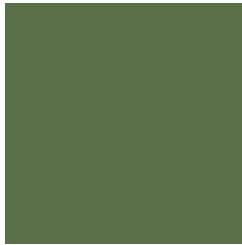
34.9090, 3.7960, 52.3720



71.8120, 7.7290, 107.7690

Previews

White Background



This preview shows how the YIQ color 100.6770, -1.1890, -17.0050 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



This preview shows how the YIQ color 100.6770, -1.1890, -17.0050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

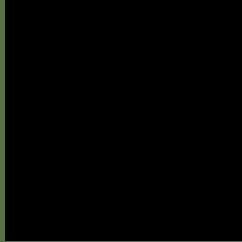
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 100.6770, -1.1890, -17.0050

Background



This preview shows how black text looks on a background with the YIQ color 100.6770, -1.1890, -17.0050.



This preview shows how white text looks on a background with the YIQ color 100.6770, -1.1890,

-17.0050.

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

100.6770, -1.1890, -17.0050

Protanopia

103.7010, 16.5990, -8.9770

Deuteranopia

105.3260, 22.3290, -2.6870



Tritanopia

104.3240, -9.7200, -0.0560

Trichromacy



Original Color

100.6770, -1.1890, -17.0050

Protanomaly

102.8850, 10.0890, -12.1430

Deuteranomaly

103.6730, 13.8020, -7.8460

Tritanomaly

103.1900, -6.6470, -6.1910

Monochromacy



Original Color

100.6770, -1.1890, -17.0050

Achromatopsia

101.0000, -0.0000, 0.0000

Achromatomaly

101.0120, -0.2740, -6.0500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 100.6770, -1.1890, -17.0050 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(89, 112, 73)` looks like.

```
.text, #text, p{  
    color:rgb(89, 112, 73)  
}
```

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(89, 112, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 112, 73) }
```

Border

The CSS property to change the border of an element to YIQ 100.6770, -1.1890, -17.0050 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(89, 112, 73) }
```


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

```
.border{ border-color:rgb(89, 112, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 112, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 112, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 112, 73);  
box-shadow:4px 4px 4px 4px rgb(89, 112,  
73) }
```

Background

The CSS property to change the background color of an element to YIQ 100.6770, -1.1890, -17.0050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 112, 73) }
```

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

```
.background{ background-color: rgb(89, 112,  
73) }
```

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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