

Converting Colors

YIQ(107.6570, 19.8990, -2.7010)

Have a look what the booklet for
YIQ(107.6570, 19.8990, -2.7010)
contains.

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Color

**YIQ(107.6570, 19.8990,
-2.7010)**

Conversions

Conversions Part 1

Format	Color
Hex	7D6851
RGB	125, 104, 81
RGB Percent	49%, 41%, 32%
CMY	0.5098, 0.5922, 0.6823
CMYK	0.00, 0.17, 0.35, 0.51
HSL	31°, 21%, 40%
HSV	31°, 35%, 49%
XYZ	14.8943, 14.8539, 9.8715
YIQ	107.6570, 19.8990, -2.7010

Conversions

Conversions Part 2

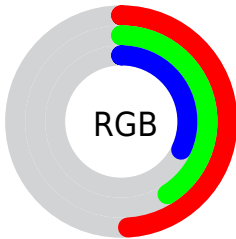
Format	Color
RYB	121, 125, 81
Decimal	8218705
CIELab	45.43, 4.77, 16.07
CIELCh	45, 16.764, 73.484
Yxy	14.8539, 0.3759, 0.3749
Android (android.graphics.Color)	4286408785 (0xFF7D6851)
YUV	107.6570, -13.1419, 15.2098
Hunter-Lab	38.5408, 1.5359, 11.7925

Details

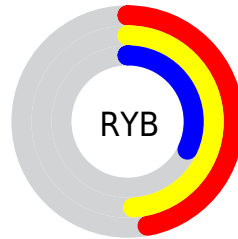
The YIQ color **107.6570, 19.8990, -2.7010** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **98.3430, -19.8990, 2.7010**, and the grayscale version is **108.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **159.0270, 21.7330, -2.8990**, and **59.9880, 17.4690, -2.7150** is the 20% darker color. If you saturate the color by 10%, you get **102.7670, 25.4010, -3.2950**, and if you desaturate by 10%, it is **112.6610, 14.0760, -1.7960**.

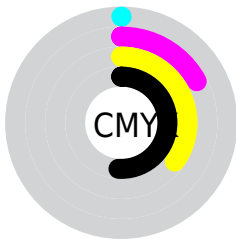
Distribution



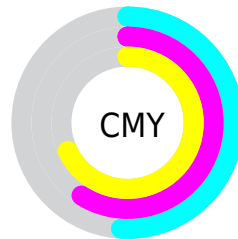
- Red (49%)
- Green (41%)
- Blue (32%)



- Red (47%)
- Yellow (49%)
- Blue (32%)



- Cyan (0%)
- Magenta (17%)
- Yellow (35%)
- Black (51%)



- Cyan (51%)
- Magenta (59%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 107.6570, 19.8990, -2.7010 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 107.6570, 19.8990, -2.7010 by changing the saturation by 10% instead.

■ 107.6570, 19.8990,
-2.7010

■ 107.6570, 19.8990,
-2.7010

■ 255.0000, -0.0000,
-0.0000

■ 83.4720, 18.9820,
-2.6020

■ 159.0270, 21.7330,
-2.8990

■ 59.9880, 17.4690,
-2.7150

■ 186.3260, 22.3290,
-2.6870

■ 38.3900, 16.2770,
-3.1390

■ 213.8100, 23.8420,
-2.5740

■ 17.7750, 13.7550,
-1.4850

■ 240.0050, 18.7990,
-4.7930

■ 0.0000, 0.0000,
0.0000

■ 253.2900, 4.8150,
-4.6650

■ 107.6570, 19.8990,
-2.7010

■ 107.6570, 19.8990,
-2.7010

■ 102.7670, 25.4010,
-3.2950

■ 112.6610, 14.0760,
-1.7960

■ 97.7630, 31.2240,
-4.2000

■ 117.5510, 8.5740,
-1.2020

■ 92.8730, 36.7260,
-4.7940

■ 122.5550, 2.7510,
-0.2970

■ 87.8690, 42.5490,
-5.6990

■ 127.4450, -2.7510,
0.2970

■ 82.9790, 48.0510,
-6.2930

■ 132.4490, -8.5740,
1.2020

■ 77.9750, 53.8740,
-7.1980

■ 137.3390,
-14.0760, 1.7960

■ 75.5300, 56.6250,
-7.4950

■ 142.3430,
-19.8990, 2.7010

■ 147.2330,

-25.4010, 3.2950

■ 152.2370,
-31.2240, 4.2000

Harmonies

Analogous

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



108.9120, 23.7950, 3.7870



107.6570, 19.8990, -2.7010



106.2920, 10.5010, -8.5950

Triad

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



107.6570, 19.8990, -2.7010



101.7190, -27.3700, -10.5860



109.7480, 1.1900, 11.4780

Complementary

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



107.6570, 19.8990, -2.7010



98.3430, -19.8990, 2.7010

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.



107.8000, -13.7560, 7.0120



107.6570, 19.8990, -2.7010



101.9130, -30.6720, -5.8080

Square

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



107.6570, 19.8990, -2.7010



102.7110, -15.7240, -12.3960



104.6520, -25.2630, 0.7930



109.9190, 13.8900, 12.5940

Rectangle

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



107.6570, 19.8990, -2.7010



104.9320, 2.7070, -10.5170



104.6520, -25.2630, 0.7930



108.8830, -3.6240, 10.6160

Sweetspot

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



107.6570, 19.8990, -2.7010



156.2520, 7.9780, -1.4140



96.5500, 19.4830, 15.8590



77.8110, 4.9060, -0.8060



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



107.6570, 19.8990, -2.7010



135.8770, 30.9030, -3.8890



119.6850, 13.5280, -13.8960



61.4410, 3.0720, -0.6080



77.6010, 57.8630, -7.9050



0.0000, 0.0000, 0.0000

Inverse Universe

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



98.3430, -19.8990, 2.7010



121.5360, -30.6280, 4.4120



86.3150, -13.5280, 13.8960



59.5590, -3.0720, 0.6080



50.3990, -57.8630, 7.9050



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 107.6570, 19.8990, -2.7010 looks on a white background.

Color Contrast Check

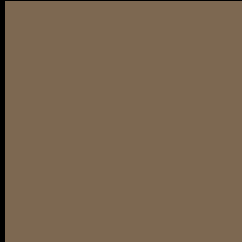
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.6570, 19.8990, -2.7010 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

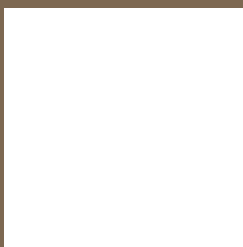
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 107.6570, 19.8990, -2.7010

Background



This preview shows how black text looks on a background with the YIQ color 107.6570, 19.8990, -2.7010.



This preview shows how white text looks on a background with the YIQ color 107.6570, 19.8990,

-2.7010.

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

107.6570, 19.8990, -2.7010

Protanopia

107.2430, 12.1970, -6.2910

Deuteranopia

107.6680, 21.3660, -1.7540



Tritanopia

109.2840, 14.1200, 8.4240

Trichromacy



Original Color

107.6570, 19.8990, -2.7010

Protanomaly

107.7380, 15.1770, -5.2310

Deuteranomaly

107.3690, 20.7700, -1.9660

Tritanomaly

108.4320, 16.4590, 4.5790

Monochromacy



Original Color

107.6570, 19.8990, -2.7010

Achromatopsia

108.0000, -0.0000, 0.0000

Achromatomaly

108.0670, 7.0610, -1.3150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 107.6570, 19.8990, -2.7010 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(125, 104, 81)` looks like.

```
.text, #text, p{  
    color:rgb(125, 104, 81)  
}
```

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(125, 104, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 104, 81) }
```

Border

The CSS property to change the border of an element to YIQ 107.6570, 19.8990, -2.7010 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(125, 104, 81) }
```


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

```
.border{ border-color:rgb(125, 104, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 104, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 104, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 104, 81);  
box-shadow:4px 4px 4px 4px rgb(125, 104,  
81) }
```

Background

The CSS property to change the background color of an element to YIQ 107.6570, 19.8990, -2.7010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 104, 81) }
```

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

```
.background{ background-color: rgb(125,  
104, 81) }
```

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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