

Converting Colors

YIQ(111.7000, 17.1990,
-30.8730)

Have a look what the booklet for
YIQ(111.7000, 17.1990, -30.8730)
contains.

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Color

**YIQ(111.7000, 17.1990,
-30.8730)**

Conversions

Conversions Part 1

Format	Color
Hex	6D7F28
RGB	109, 127, 40
RGB Percent	43%, 50%, 16%
CMY	0.5726, 0.5019, 0.8430
CMYK	0.14, 0.00, 0.68, 0.50
HSL	72°, 52%, 33%
HSV	72°, 68%, 50%
XYZ	14.2775, 18.5837, 4.8451
YIQ	111.7000, 17.1990, -30.8730

Conversions

Conversions Part 2

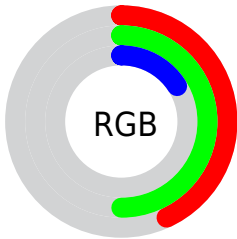
Format	Color
RYB	40, 127, 58
Decimal	7175976
CIELab	50.20, -19.54, 43.26
CIElCh	50, 47.467, 114.306
Yxy	18.5837, 0.3787, 0.4929
Android (android.graphics.Color)	4285366056 (0xFF6D7F28)
YUV	111.7000, -35.3481, -2.3679
Hunter-Lab	43.1088, -16.3217, 23.5125

Details

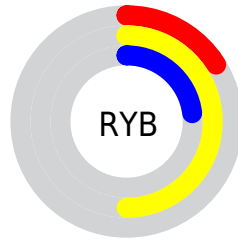
The YIQ color **111.7000, 17.1990, -30.8730** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **55.3000, -17.1990, 30.8730**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.6570, 18.7580, -31.5940**, and **63.1280, 13.1180, -28.4980** is the 20% darker color. If you saturate the color by 10%, you get **109.3210, 19.5840, -35.5520**, and if you desaturate by 10%, it is **114.0790, 14.8140, -26.1940**.

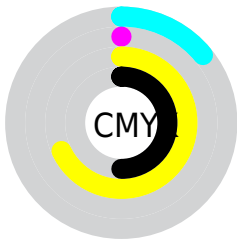
Distribution



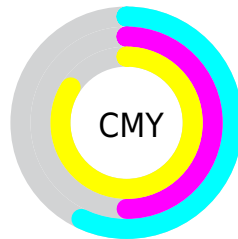
- Red (43%)
- Green (50%)
- Blue (16%)



- Red (16%)
- Yellow (50%)
- Blue (23%)



- Cyan (14%)
- Magenta (0%)
- Yellow (68%)
- Black (50%)



- Cyan (57%)
- Magenta (50%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 111.7000, 17.1990, -30.8730 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 111.7000, 17.1990, -30.8730 by changing the saturation by 10% instead.

■ 111.7000, 17.1990,
-30.8730

■ 111.7000, 17.1990,
-30.8730

■ 255.0000, -0.0000,
-0.0000

■ 86.0590, 17.5660,
-32.0180

■ 164.6570, 18.7580,
-31.5940

■ 63.1280, 13.1180,
-28.4980

■ 191.8420, 19.6750,
-31.6930

■ 42.4510, 5.1390,
-21.5570

■ 220.2010, 20.0420,
-32.8380

■ 21.4530, -6.3700,
-16.7220

■ 243.2170, 23.1130,
-27.9190

■ 0.5870, -0.2750,
-0.5230

■ 248.3880, 18.6180,
-18.0380

■ 0.0000, 0.0000,
0.0000

■ 251.6940, 9.3090,

-9.0190

■ 111.7000, 17.1990,
-30.8730

■ 111.7000, 17.1990,
-30.8730

■ 109.3210, 19.5840,
-35.5520

■ 114.0790, 14.8140,
-26.1940

■ 107.3550, 22.2440,
-39.7080

■ 116.0450, 12.1540,
-22.0380

■ 104.9760, 24.6290,
-44.3870

■ 118.4240, 9.7690,
-17.3590

■ 104.7480, 25.2710,
-45.0090

■ 120.8030, 7.3840,
-12.6800

■ 122.8830, 4.4030,
-8.2130

■ 125.1480, 2.3390,
-3.8450

■ 127.2280, -0.6420,
0.6220

■ 129.6070, -3.0270,
5.3010

■ 131.8720, -5.0910,
9.6690

Harmonies

Analogous

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



115.5190, 45.9900, -18.5060



111.7000, 17.1990, -30.8730



104.2680, -25.6230, -36.7510

Triad

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



111.7000, 17.1990, -30.8730



100.2210, -96.1890, -13.3810



119.9380, 48.4100, 36.7780

Complementary

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



111.7000, 17.1990, -30.8730



55.3000, -17.1990, 30.8730

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.



122.9420, 16.2240, 36.3840



111.7000, 17.1990, -30.8730



96.7620, -98.8500, -3.6980

Square

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



111.7000, 17.1990, -30.8730



98.8070, -86.6960, -25.7360



119.7390, -28.9810, 24.1310



118.3350, 62.8090, 23.6170

Rectangle

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



111.7000, 17.1990, -30.8730



91.9500, -68.7660, -42.3180



119.7390, -28.9810, 24.1310



121.0880, 39.2400, 37.7680

Sweetspot

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



111.7000, 17.1990, -30.8730



159.9170, 7.0630, -12.3690



75.9920, 47.1770, 9.5530



80.4100, 4.3570, -7.3790



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



111.7000, 17.1990, -30.8730



142.1240, 26.9680, -48.2320



98.8430, -8.4290, -39.9890



62.6040, 1.0550, -2.6010



105.3350, 24.9960, -45.5320



0.0000, 0.0000, 0.0000

Inverse Universe

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



55.3000, -17.1990, 30.8730



53.8760, -26.9680, 48.2320



68.1570, 8.4290, 39.9890



58.3960, -1.0550, 2.6010



22.3660, -25.5920, 45.3200



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 111.7000, 17.1990, -30.8730 looks on a white 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

Black Background



This preview shows how the YIQ color 111.7000, 17.1990, -30.8730 looks on a black 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

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

YIQ 111.7000, 17.1990, -30.8730

Background



This preview shows how black text looks on a background with the YIQ color 111.7000, 17.1990, -30.8730.



This preview shows how white text looks on a background with the YIQ color 111.7000, 17.1990,

-30.8730.

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

111.7000, 17.1990, -30.8730

Protanopia

114.2510, 34.9410, -22.0110

Deuteranopia

116.0120, 43.2840, -13.5160



Tritanopia

119.7270, -3.4850, 2.5870

Trichromacy



Original Color

111.7000, 17.1990, -30.8730

Protanomaly

113.4350, 28.4310, -25.1770

Deuteranomaly

114.2340, 33.6110, -19.9330

Tritanomaly

116.9430, 4.1740, -9.5700

Monochromacy



Original Color

111.7000, 17.1990, -30.8730

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

111.6720, 6.3750, -10.9130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.7000, 17.1990, -30.8730 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(109, 127, 40)` looks like.

```
.text, #text, p{  
    color:rgb(109, 127, 40)  
}
```

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(109, 127, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 127, 40) }
```

Border

The CSS property to change the border of an element to YIQ 111.7000, 17.1990, -30.8730 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(109, 127, 40) }
```


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

```
.border{ border-color:rgb(109, 127, 40) }
```

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

Here you see how a box with a 4 pixel rgb(109, 127, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 127, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 127, 40);  
box-shadow:4px 4px 4px 4px rgb(109, 127,  
40) }
```

Background

The CSS property to change the background color of an element to YIQ 111.7000, 17.1990, -30.8730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 127, 40) }
```

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

```
.background{ background-color: rgb(109,  
127, 40) }
```

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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