

Converting Colors

YIQ(115.9970, 12.1090,
-26.7310)

Have a look what the booklet for
YIQ(115.9970, 12.1090, -26.7310)
contains.

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Color

**YIQ(115.9970, 12.1090,
-26.7310)**

Conversions

Conversions Part 1

Format	Color
Hex	6F8239
RGB	111, 130, 57
RGB Percent	44%, 51%, 22%
CMY	0.5648, 0.4902, 0.7764
CMYK	0.15, 0.00, 0.56, 0.49
HSL	76°, 39%, 37%
HSV	76°, 56%, 51%
XYZ	15.2755, 19.6410, 6.8604
YIQ	115.9970, 12.1090, -26.7310

Conversions

Conversions Part 2

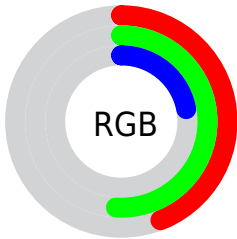
Format	Color
RYB	57, 130, 76
Decimal	7307833
CIELab	51.43, -18.80, 36.67
CIELCh	51, 41.209, 117.137
Yxy	19.6410, 0.3656, 0.4701
Android (android.graphics.Color)	4285497913 (0xFF6F8239)
YUV	115.9970, -29.0855, -4.3824
Hunter-Lab	44.3182, -16.0319, 21.8447

Details

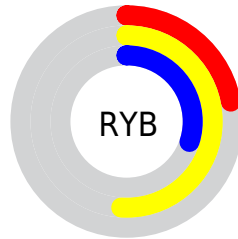
The YIQ color **115.9970, 12.1090, -26.7310** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **71.0030, -12.1090, 26.7310**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.5410, 13.3930, -27.9750**, and **66.4700, 12.1550, -27.5650** is the 20% darker color. If you saturate the color by 10%, you get **113.6180, 14.4940, -31.4100**, and if you desaturate by 10%, it is **118.3760, 9.7240, -22.0520**.

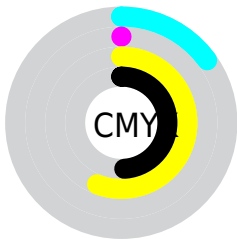
Distribution



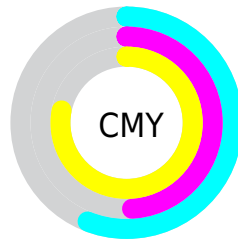
- Red (44%)
- Green (51%)
- Blue (22%)



- Red (22%)
- Yellow (51%)
- Blue (30%)



- Cyan (15%)
- Magenta (0%)
- Yellow (56%)
- Black (49%)



- Cyan (56%)
- Magenta (49%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.9970, 12.1090, -26.7310 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 115.9970, 12.1090, -26.7310 by changing the saturation by 10% instead.

■ 115.9970, 12.1090,
-26.7310

■ 115.9970, 12.1090,
-26.7310

■ 255.0000, -0.0000,
-0.0000

■ 90.8120, 11.1920,
-26.6320

■ 168.6550, 13.0720,
-27.6640

■ 66.4700, 12.1550,
-27.5650

■ 196.3130, 14.0350,
-28.5970

■ 45.4080, 6.6980,
-22.2780

■ 224.1990, 14.3560,
-28.9080

■ 24.7200, -2.7480,
-16.2840

■ 245.3400, 18.5730,
-22.7310

■ 5.8700, -2.7500,
-5.2300

■ 250.3260, 13.1610,
-12.7510

■ 0.0000, 0.0000,
0.0000

■ 253.6320, 3.8520,

-3.7320

■ 115.9970, 12.1090,
-26.7310

■ 115.9970, 12.1090,
-26.7310

■ 113.6180, 14.4940,
-31.4100

■ 118.3760, 9.7240,
-22.0520

■ 110.9400, 16.2830,
-36.3010

■ 121.0540, 7.9350,
-17.1610

■ 108.5610, 18.6680,
-40.9800

■ 123.4330, 5.5500,
-12.4820

■ 105.8830, 20.4570,
-45.8710

■ 126.1110, 3.7610,
-7.5910

■ 105.0140, 21.4660,
-47.6380

■ 128.4900, 1.3760,
-2.9120

■ 130.8690, -1.0090,
1.7670

■ 133.5470, -2.7980,
6.6580

■ 135.9260, -5.1830,
11.3370

■ 138.3050, -7.5680,
16.0160

Harmonies

Analogous

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



119.2070, 38.2410, -15.7350



115.9970, 12.1090, -26.7310



109.9140, -24.3860, -31.6340

Triad

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



115.9970, 12.1090, -26.7310



100.4660, -95.5010, -14.8370



124.3840, 43.9180, 30.0780

Complementary

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



115.9970, 12.1090, -26.7310



71.0030, -12.1090, 26.7310

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.



126.3780, 17.6920, 31.8040



115.9970, 12.1090, -26.7310



109.7070, -70.6540, 2.9300

Square

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



115.9970, 12.1090, -26.7310



99.7360, -87.9340, -25.3260



124.1760, -20.0860, 22.6180



122.1660, 55.7950, 18.5710

Rectangle

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



115.9970, 12.1090, -26.7310



95.4710, -68.6750, -38.4590



124.1760, -20.0860, 22.6180



124.8440, 36.8110, 32.2270

Sweetspot

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



115.9970, 12.1090, -26.7310



162.7150, 4.8160, -10.1920



89.3930, 38.5580, 6.0620



80.8660, 3.0730, -6.1350



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.



115.9970, 12.1090, -26.7310



146.5610, 18.6680, -40.9800



105.2330, -9.3470, -34.3630



62.6040, 1.0550, -2.6010



103.2420, 20.8240, -47.0160



0.0000, 0.0000, 0.0000

Inverse Universe

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



71.0030, -12.1090, 26.7310



77.4390, -18.6680, 40.9800



81.7670, 9.3470, 34.3630



58.3960, -1.0550, 2.6010



24.4590, -21.4200, 46.8040



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 115.9970, 12.1090, -26.7310 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 115.9970, 12.1090, -26.7310 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 115.9970, 12.1090, -26.7310

Background



This preview shows how black text looks on a background with the YIQ color 115.9970, 12.1090, -26.7310.



This preview shows how white text looks on a background with the YIQ color 115.9970, 12.1090,

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

115.9970, 12.1090, -26.7310

Protanopia

118.5480, 29.8510, -17.8690

Deuteranopia

120.1950, 38.5150, -9.6850



Tritanopia

122.5420, -4.4020, 2.6860

Trichromacy



Original Color

115.9970, 12.1090, -26.7310

Protanomaly

117.7320, 23.3410, -21.0350

Deuteranomaly

118.5310, 28.5210, -15.7910

Tritanomaly

120.3280, 1.6520, -7.9160

Monochromacy



Original Color

115.9970, 12.1090, -26.7310

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

115.9430, 4.1740, -9.5700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.9970, 12.1090, -26.7310 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(111, 130, 57)` looks like.

```
.text, #text, p{  
    color:rgb(111, 130, 57)  
}
```

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(111, 130, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 130, 57) }
```

Border

The CSS property to change the border of an element to YIQ 115.9970, 12.1090, -26.7310 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(111, 130, 57) }
```


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

```
.border{ border-color:rgb(111, 130, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 130, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 130, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 130, 57);  
box-shadow:4px 4px 4px 4px rgb(111, 130,  
57) }
```

Background

The CSS property to change the background color of an element to YIQ 115.9970, 12.1090, -26.7310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 130, 57) }
```

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

```
.background{ background-color: rgb(111,  
130, 57) }
```

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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