

Converting Colors

YIQ(27.0670, -2.1070, -11.3790)

Have a look what the booklet for
YIQ(27.0670, -2.1070, -11.3790)
contains.

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Color

**YIQ(27.0670, -2.1070,
-11.3790)**

Conversions

Conversions Part 1

Format	Color
Hex	12230A
RGB	18, 35, 10
RGB Percent	7%, 14%, 4%
CMY	0.9295, 0.8627, 0.9608
CMYK	0.49, 0.00, 0.71, 0.86
HSL	101°, 56%, 9%
HSV	101°, 71%, 14%
XYZ	0.9052, 1.3529, 0.5007
YIQ	27.0670, -2.1070, -11.3790

Conversions

Conversions Part 2

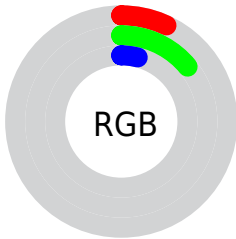
Format	Color
RYB	10, 35, 27
Decimal	1188618
CIELab	11.64, -13.15, 12.91
CIELCh	12, 18.430, 135.541
Yxy	1.3529, 0.3281, 0.4904
Android (android.graphics.Color)	4279378698 (0xFF12230A)
YUV	27.0670, -8.4140, -7.9518
Hunter-Lab	11.6313, -6.4625, 5.5898

Details

The YIQ color **27.0670, -2.1070, -11.3790** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **17.9330, 2.1070, 11.3790**, and the grayscale version is **27.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **71.3550, -2.9780, -12.1140**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **26.1270, -2.3360, -12.7360**, and if you desaturate by 10%, it is **28.1210, -2.1990, -9.7110**.

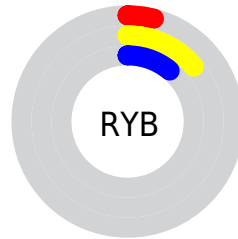
Distribution



Red (7%)

Green (14%)

Blue (4%)



Red (4%)

Yellow (14%)

Blue (11%)

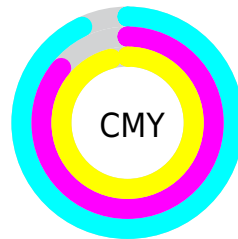


Cyan (49%)

Magenta (0%)

Yellow (71%)

Black (86%)



Cyan (93%)

Magenta (86%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 27.0670, -2.1070, -11.3790 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 27.0670, -2.1070, -11.3790 by changing the saturation by 10% instead.

■ 27.0670, -2.1070,
-11.3790

■ 27.0670, -2.1070,
-11.3790

■ 249.3170, 0.1850,
-8.8630

■ 6.4570, -3.0250,
-5.7530

■ 71.3550, -2.9780,
-12.1140

■ 0.0000, 0.0000,
0.0000

■ 94.9420, -3.2530,
-12.6370

■ 119.5290, -3.5280,
-13.1600

■ 145.4150, -3.2070,
-13.4710

■ 172.0020, -3.4820,
-13.9940

■ 198.8880, -3.1610,

-14.3050

■ 227.4750, -3.4360,
-14.8280

■ 27.0670, -2.1070,
-11.3790

■ 27.0670, -2.1070,
-11.3790

■ 26.1270, -2.3360,
-12.7360

■ 28.1210, -2.1990,
-9.7110

■ 24.7740, -2.8400,
-14.6160

■ 29.3600, -1.3740,
-8.1420

■ 23.8340, -3.0690,
-15.9730

■ 30.4140, -1.4660,
-6.4740

■ 31.6530, -0.6410,
-4.9050

■ 32.7070, -0.7330,
-3.2370

■ 33.6470, -0.5040,
-1.8800

■ 35.0000, 0.0000,
0.0000

■ 35.9400, 0.2290,
1.3570

■ 36.9940, 0.1370,
3.0250

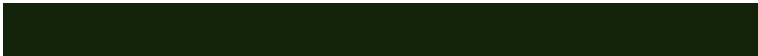
Harmonies

Analogous

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



28.6510, 10.8680, -9.7400



27.0670, -2.1070, -11.3790



24.4550, -17.8790, -11.8870

Triad

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



27.0670, -2.1070, -11.3790



26.2280, -27.0050, -0.6770



30.7360, 18.6590, 8.7630

Complementary

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



27.0670, -2.1070, -11.3790



17.9330, 2.1070, 11.3790

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.



31.7940, 12.7440, 11.3360



27.0670, -2.1070, -11.3790



30.1590, -13.3890, 5.8670

Square

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



27.0670, -2.1070, -11.3790



26.6040, -25.3080, -3.9000



32.2210, 1.2360, 10.6440



30.0040, 20.5400, 2.2040

Rectangle

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



27.0670, -2.1070, -11.3790



25.4810, -20.7680, -9.0880



32.2210, 1.2360, 10.6440



31.1920, 17.3750, 10.0070

Sweetspot

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



27.0670, -2.1070, -11.3790



42.7670, -0.9620, -4.5940



27.4540, 10.2250, -3.5910



21.1200, -0.4580, -2.7140



150.0000, -0.0000, -0.0000



23.0000, 0.0000, -0.0000

Same Dimension

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



27.0670, -2.1070, -11.3790



33.3670, -3.2520, -18.1640



25.1310, -8.1590, -11.8310



17.4730, 0.0460, -0.8340



55.9080, -7.0540, -37.3740



142.7160, -17.5430, -95.1030

Inverse Universe

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



17.9330, 2.1070, 11.3790



18.6330, 3.2520, 18.1640



19.8690, 8.1590, 11.8310



16.5270, -0.0460, 0.8340



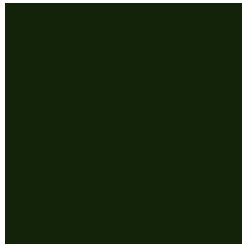
26.0920, 7.0540, 37.3740



66.2840, 17.5430, 95.1030

Previews

White Background



This preview shows how the YIQ color 27.0670, -2.1070, -11.3790 looks on a white background.

Color Contrast Check

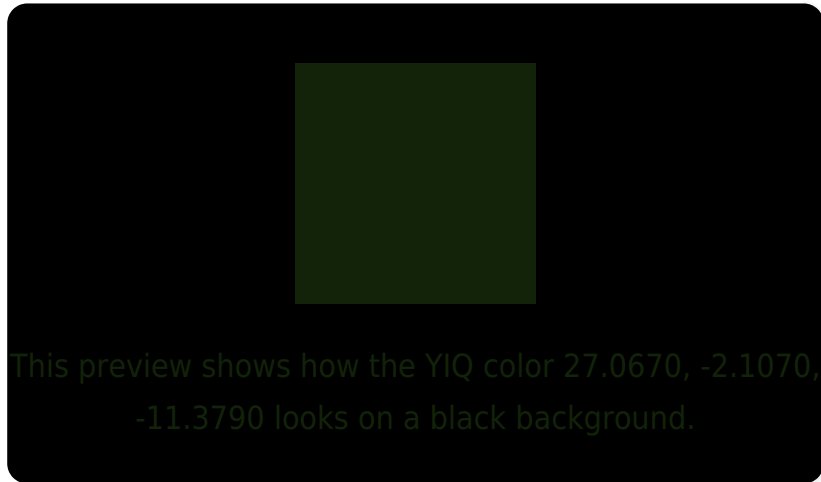
Large Text (above 18pt) WCAG AA ✓ Pass

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

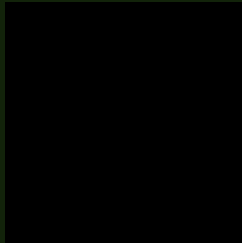
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 27.0670, -2.1070, -11.3790

Background



This preview shows how black text looks on a background with the YIQ color 27.0670, -2.1070, -11.3790.



This preview shows how white text looks on a background with the YIQ color 27.0670, -2.1070, -11.3790.

-11.3790.

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

27.0670, -2.1070, -11.3790

Protanopia

29.6880, 9.4460, -5.9940

Deuteranopia

30.0520, 11.4170, -3.1670



Tritanopia

29.9390, -7.1980, -1.7100

Trichromacy



Original Color

27.0670, -2.1070, -11.3790

Protanomaly

28.4810, 5.5950, -7.7890

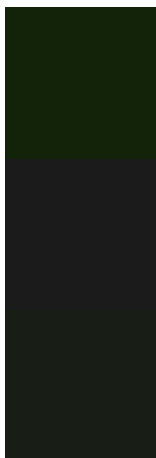
Deuteranomaly

28.7200, 6.4200, -6.2200

Tritanomaly

29.2010, -5.1800, -5.2440

Monochromacy



Original Color

27.0670, -2.1070, -11.3790

Achromatopsia

27.0000, -0.0000, 0.0000

Achromatomaly

27.1800, -0.6870, -4.0710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 27.0670, -2.1070, -11.3790 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(18, 35, 10)` looks like.

```
.text, #text, p{  
    color:rgb(18, 35, 10)  
}
```

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(18, 35, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 35, 10) }
```

Border

The CSS property to change the border of an element to YIQ 27.0670, -2.1070, -11.3790 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(18, 35, 10) }
```


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

```
.border{ border-color:rgb(18, 35, 10) }
```

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

Here you see how a box with a 4 pixel rgb(18, 35, 10) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 35, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 35, 10);  
box-shadow:4px 4px 4px 4px rgb(18, 35, 10)  
}
```

Background

The CSS property to change the background color of an element to YIQ 27.0670, -2.1070, -11.3790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 35, 10) }
```

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

```
.background{ background-color: rgb(18, 35,  
10) }
```

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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