

Converting Colors

YIQ(48.4100, -13.9790,
-27.5070)

Have a look what the booklet for
YIQ(48.4100, -13.9790, -27.5070)
contains.

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Color

**YIQ(48.4100, -13.9790,
-27.5070)**

Conversions

Conversions Part 1

Format	Color
Hex	124611
RGB	18, 70, 17
RGB Percent	7%, 27%, 7%
CMY	0.9296, 0.7254, 0.9333
CMYK	0.74, 0.00, 0.76, 0.73
HSL	119°, 61%, 17%
HSV	119°, 76%, 27%
XYZ	2.5414, 4.5517, 1.2748
YIQ	48.4100, -13.9790, -27.5070

Conversions

Conversions Part 2

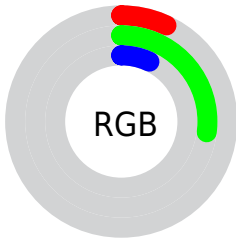
Format	Color
RYB	17, 70, 69
Decimal	1197585
CIELab	25.42, -29.01, 26.00
CIELCh	25, 38.953, 138.137
Yxy	4.5517, 0.3037, 0.5440
Android (android.graphics.Color)	4279387665 (0xFF124611)
YUV	48.4100, -15.4851, -26.6696
Hunter-Lab	21.3347, -16.0730, 11.3916

Details

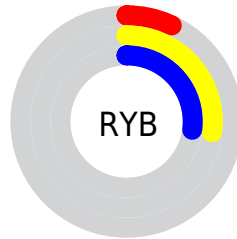
The YIQ color **48.4100, -13.9790, -27.5070** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **38.5900, 13.9790, 27.5070**, and the grayscale version is **49.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **97.5520, -11.5030, -28.3270**, and **15.8490, -7.4250, -14.1210** is the 20% darker color. If you saturate the color by 10%, you get **45.5190, -15.9040, -31.1680**, and if you desaturate by 10%, it is **51.3010, -12.0540, -23.8460**.

Distribution



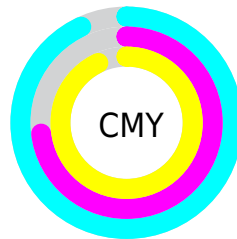
- Red (7%)
- Green (27%)
- Blue (7%)



- Red (7%)
- Yellow (27%)
- Blue (27%)



- Cyan (74%)
- Magenta (0%)
- Yellow (76%)
- Black (73%)





- Cyan (93%)
- Magenta (73%)
- Yellow (93%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 48.4100, -13.9790, -27.5070 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 48.4100, -13.9790, -27.5070 by changing the saturation by 10% instead.


 48.4100, -13.9790,
-27.5070


 48.4100, -13.9790,
-27.5070

 254.0880, 2.5680,
-2.4880

 27.5890, -12.9250,
-24.5810


 97.5520, -11.5030,
-28.3270

 15.8490, -7.4250,
-14.1210

 123.3240,
-10.8610, -28.9490

 0.0000, 0.0000,
0.0000

 149.4980,
-11.4110, -29.9950

 176.3840,
-11.0900, -30.3060

 203.8570,
-11.0440, -31.1400

 231.7430,

-10.7230, -31.4510

■ 243.6060, -2.4270,
-16.5950

■ 48.4100, -13.9790,
-27.5070

■ 48.4100, -13.9790,
-27.5070

■ 45.5190, -15.9040,
-31.1680

■ 51.3010, -12.0540,
-23.8460

■ 42.6280, -17.8290,
-34.8290

■ 54.1920, -10.1290,
-20.1850

■ 41.3890, -18.6540,
-36.3980

■ 57.0830, -8.2040,
-16.5240

■ 59.6750, -6.8750,
-13.0750

■ 62.5660, -4.9500,
-9.4140

■ 65.4570, -3.0250,
-5.7530

■ 68.3480, -1.1000,
-2.0920

■ 71.2390, 0.8250,
1.5690

■ 74.1300, 2.7500,
5.2300

Harmonies

Analogous

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



54.6110, 16.3720, -21.3880



48.4100, -13.9790, -27.5070



48.2090, -35.1620, -23.5620

Triad

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



48.4100, -13.9790, -27.5070



52.7810, -56.3030, 1.6570



56.1140, 44.3780, 21.7380

Complementary

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



48.4100, -13.9790, -27.5070



38.5900, 13.9790, 27.5070

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.



57.9250, 32.0890, 29.6970



48.4100, -13.9790, -27.5070



56.3650, -34.1600, 13.3600

Square

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



48.4100, -13.9790, -27.5070



54.1200, -53.1840, -5.3120



62.0450, 5.2680, 25.6840



57.2750, 44.7020, 4.8460

Rectangle

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



48.4100, -13.9790, -27.5070



51.1900, -42.1780, -17.5540



62.0450, 5.2680, 25.6840



55.9660, 42.0390, 25.5830

Sweetspot

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



48.4100, -13.9790, -27.5070



83.3270, -5.7750, -10.9830



62.7840, 17.5630, -15.4370



40.6310, -3.5750, -6.7990



173.0000, -0.0000, 0.0000



46.0000, 0.0000, -0.0000

Same Dimension

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



48.4100, -13.9790, -27.5070



57.9060, -21.9080, -43.5080



50.9610, -22.6000, -19.9440



34.3480, -1.1000, -2.0920



58.7110, -26.0330, -51.3530



134.4450, -60.0410, -117.8730

Inverse Universe

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



38.5900, 13.9790, 27.5070



42.0940, 21.9080, 43.5080



36.0390, 22.6000, 19.9440



33.6520, 1.1000, 2.0920



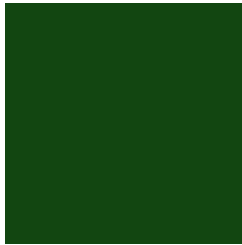
40.5880, 26.6290, 51.5650



92.5550, 60.0410, 117.8730

Previews

White Background



This preview shows how the YIQ color 48.4100, -13.9790, -27.5070 looks on a white background.

Color Contrast Check

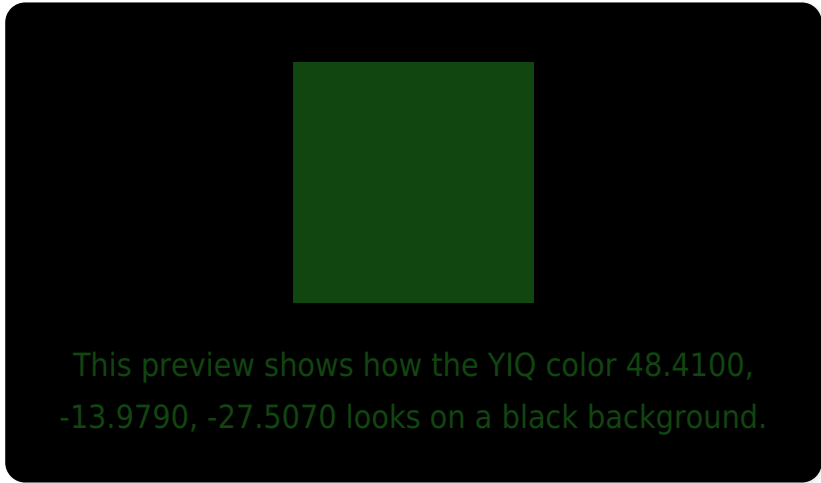
Large Text (above 18pt) WCAG AA ✓ Pass

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

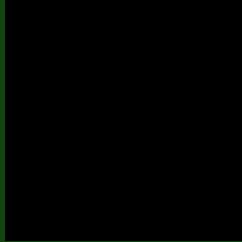
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 48.4100, -13.9790, -27.5070

Background



This preview shows how black text looks on a background with the YIQ color 48.4100, -13.9790, -27.5070.



This preview shows how white text looks on a background with the YIQ color 48.4100, -13.9790,

-27.5070.

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

48.4100, -13.9790, -27.5070

Protanopia

57.2620, 19.2130, -12.2990

Deuteranopia

58.3920, 21.9630, -7.0690



Tritanopia

56.1160, -20.9980, -4.9180

Trichromacy



Original Color

48.4100, -13.9790, -27.5070

Protanomaly

54.3420, 7.0640, -17.8960

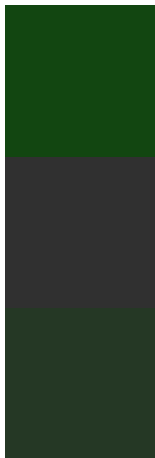
Deuteranomaly

54.8200, 8.7140, -14.7580

Tritanomaly

53.5150, -18.1080, -13.2440

Monochromacy



Original Color

48.4100, -13.9790, -27.5070

Achromatopsia

48.0000, -0.0000, 0.0000

Achromatomaly

48.1530, -5.2250, -9.9370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 48.4100, -13.9790, -27.5070 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, 70, 17)` looks like.

```
.text, #text, p{  
    color:rgb(18, 70, 17)  
}
```

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, 70, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 70, 17) }
```

Border

The CSS property to change the border of an element to YIQ 48.4100, -13.9790, -27.5070 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, 70, 17) }
```


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

```
.border{ border-color:rgb(18, 70, 17) }
```

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

Here you see how a box with a 4 pixel rgb(18, 70, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 70, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 70, 17);  
box-shadow:4px 4px 4px 4px rgb(18, 70, 17)  
}
```

Background

The CSS property to change the background color of an element to YIQ 48.4100, -13.9790, -27.5070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 70, 17) }
```

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

```
.background{ background-color: rgb(18, 70,  
17) }
```

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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