

Converting Colors

YIQ(42.4790, -18.4270,
-23.9870)

Have a look what the booklet for
YIQ(42.4790, -18.4270, -23.9870)
contains.

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Color

**YIQ(42.4790, -18.4270,
-23.9870)**

Conversions

Conversions Part 1

Format	Color
Hex	0A3F16
RGB	10, 63, 22
RGB Percent	4%, 25%, 9%
CMY	0.9609, 0.7528, 0.9138
CMYK	0.84, 0.00, 0.65, 0.75
HSL	134°, 73%, 14%
HSV	134°, 84%, 25%
XYZ	2.0481, 3.6796, 1.3608
YIQ	42.4790, -18.4270, -23.9870

Conversions

Conversions Part 2

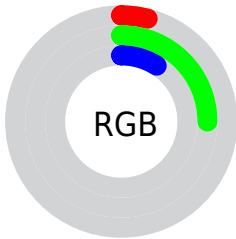
Format	Color
RYB	10, 53, 63
Decimal	671510
CIELab	22.58, -27.17, 20.11
CIELCh	23, 33.800, 143.492
Yxy	3.6796, 0.2889, 0.5191
Android (android.graphics.Color)	4278861590 (0xFF0A3F16)
YUV	42.4790, -10.0961, -28.4841
Hunter-Lab	19.1824, -14.5104, 9.2216

Details

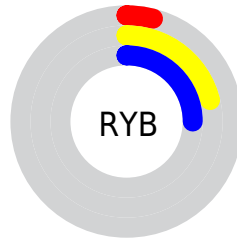
The YIQ color **42.4790, -18.4270, -23.9870** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **30.5210, 18.4270, 23.9870**, and the grayscale version is **43.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **91.2190, -14.7590, -24.3830**, and **9.3920, -4.4000, -8.3680** is the 20% darker color. If you saturate the color by 10%, you get **40.1150, -20.3980, -26.8140**, and if you desaturate by 10%, it is **44.8430, -16.4560, -21.1600**.

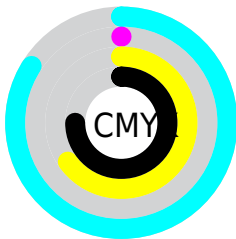
Distribution



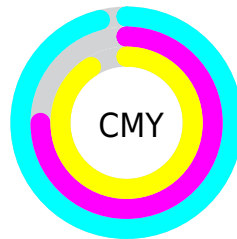
- Red (4%)
- Green (25%)
- Blue (9%)



- Red (4%)
- Yellow (21%)
- Blue (25%)



- Cyan (84%)
- Magenta (0%)
- Yellow (65%)
- Black (75%)





- Cyan (96%)
- Magenta (75%)
- Yellow (91%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 42.4790, -18.4270, -23.9870 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 42.4790, -18.4270, -23.9870 by changing the saturation by 10% instead.


 42.4790, -18.4270,
-23.9870


 42.4790, -18.4270,
-23.9870

 253.0490, -1.6960,
-2.3040


 24.0670, -11.2750,
-21.4430


 91.2190, -14.7590,
-24.3830


 9.3920, -4.4000,
-8.3680

 116.6920,
-14.7130, -25.2170

 0.0000, 0.0000,
0.0000

 142.8660,
-15.2630, -26.2630


 169.6380,
-14.6210, -26.8850


 196.9260,
-15.4920, -27.6200


 224.8120,


-15.1710, -27.9310


 241.0720, -9.6710,
-17.4710


 42.4790, -18.4270,
-23.9870


 42.4790, -18.4270,
-23.9870


 40.1150, -20.3980,
-26.8140

 44.8430, -16.4560,
-21.1600

 38.5770, -21.8190,
-28.5950

 47.5060, -13.8890,
-18.1210

 49.8700, -11.9180,
-15.2940

 52.1200, -9.6260,
-12.7780

 54.4840, -7.6550,
-9.9510

■ 57.1470, -5.0880,
-6.9120

■ 59.5110, -3.1170,
-4.0850

■ 61.8750, -1.1460,
-1.2580

■ 64.5380, 1.4210,
1.7810

Harmonies

Analogous

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



48.0990, 12.0620, -20.3700



42.4790, -18.4270, -23.9870



43.5130, -32.9620, -19.3780

Triad

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



42.4790, -18.4270, -23.9870



46.4890, -49.6090, 1.4870



51.0160, 38.6020, 16.2820

Complementary

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



42.4790, -18.4270, -23.9870



30.5210, 18.4270, 23.9870

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.



52.6810, 29.6600, 24.1560



42.4790, -18.4270, -23.9870



53.6070, -20.2220, 14.0660

Square

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



42.4790, -18.4270, -23.9870



48.2840, -47.7740, -4.2380



55.5030, 9.6700, 22.9980



51.5730, 37.8710, 1.9910

Rectangle

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



42.4790, -18.4270, -23.9870



46.1520, -39.0150, -14.3030



55.5030, 9.6700, 22.9980



51.6400, 36.9050, 19.5050

Sweetspot

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



42.4790, -18.4270, -23.9870



73.8970, -7.3800, -9.4280



53.6690, 10.4570, -18.8150



36.2720, -3.9420, -5.6540



168.0000, -0.0000, -0.0000



41.0000, 0.0000, -0.0000

Same Dimension

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



42.4790, -18.4270, -23.9870



50.1860, -28.3280, -37.2880



45.4430, -26.7730, -15.9010



29.7610, -0.8250, -1.5690



57.5720, -32.5910, -42.6310



136.0140, -77.1000, -100.5560

Inverse Universe

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



30.5210, 18.4270, 23.9870



31.7000, 28.6490, 36.9770



27.5570, 26.7730, 15.9010



29.1250, 1.1460, 1.2580



36.4280, 32.5910, 42.6310



85.9860, 77.1000, 100.5560

Previews

White Background



This preview shows how the YIQ color 42.4790, -18.4270, -23.9870 looks on a white background.

Color Contrast Check

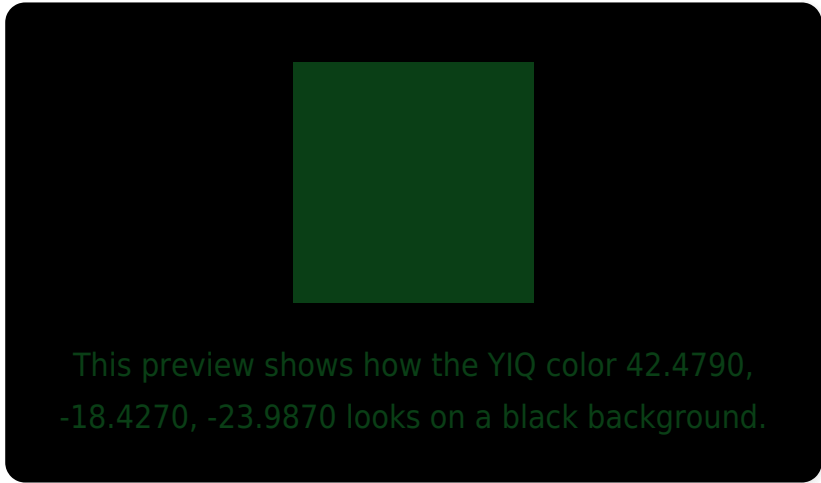
Large Text (above 18pt) WCAG AA ✓ Pass

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

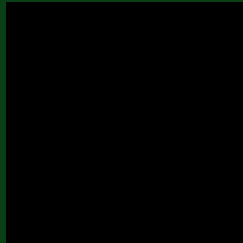
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 42.4790, -18.4270, -23.9870

Background



This preview shows how black text looks on a background with the YIQ color 42.4790, -18.4270, -23.9870.



This preview shows how white text looks on a background with the YIQ color 42.4790, -18.4270,

-23.9870.

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

42.4790, -18.4270, -23.9870

Protanopia

52.2170, 15.0860, -9.0900

Deuteranopia

53.5210, 17.2860, -4.9060



Tritanopia

50.0020, -20.6770, -5.2290

Trichromacy



Original Color

42.4790, -18.4270, -23.9870

Protanomaly

48.4110, 2.6160, -14.3760

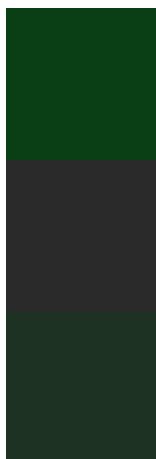
Deuteranomaly

49.4760, 3.9910, -11.7610

Tritanomaly

47.0850, -19.7130, -11.6890

Monochromacy



Original Color

42.4790, -18.4270, -23.9870

Achromatopsia

42.0000, -0.0000, -0.0000

Achromatomaly

42.3100, -7.1050, -8.9050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 42.4790, -18.4270, -23.9870 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(10, 63, 22)` looks like.

```
.text, #text, p{  
    color:rgb(10, 63, 22)  
}
```

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(10, 63, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 63, 22) }
```

Border

The CSS property to change the border of an element to YIQ 42.4790, -18.4270, -23.9870 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(10, 63, 22) }
```


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

```
.border{ border-color:rgb(10, 63, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 63, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 63, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 63, 22);  
box-shadow:4px 4px 4px 4px rgb(10, 63, 22)  
}
```

Background

The CSS property to change the background color of an element to YIQ 42.4790, -18.4270, -23.9870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 63, 22) }
```

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

```
.background{ background-color: rgb(10, 63,  
22) }
```

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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