

Converting Colors

YIQ(44.1950, -31.4060, -3.5180)

Have a look what the booklet for
YIQ(44.1950, -31.4060, -3.5180)
contains.

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Color

**YIQ(44.1950, -31.4060,
-3.5180)**

Conversions

Conversions Part 1

Format	Color
Hex	0C3749
RGB	12, 55, 73
RGB Percent	5%, 22%, 29%
CMY	0.9530, 0.7842, 0.7139
CMYK	0.84, 0.25, 0.00, 0.71
HSL	198°, 72%, 17%
HSV	198°, 84%, 29%
XYZ	2.7198, 3.2927, 6.7894
YIQ	44.1950, -31.4060, -3.5180

Conversions

Conversions Part 2

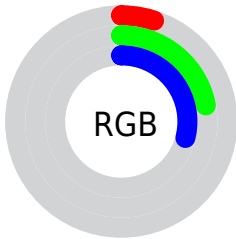
Format	Color
RYB	12, 37, 73
Decimal	800585
CIELab	21.18, -7.32, -15.21
CIElCh	21, 16.878, 244.279
Yxy	3.2927, 0.2125, 0.2572
Android (android.graphics.Color)	4278990665 (0xFF0C3749)
YUV	44.1950, 14.2009, -28.2350
Hunter-Lab	18.1457, -5.0005, -9.4819

Details

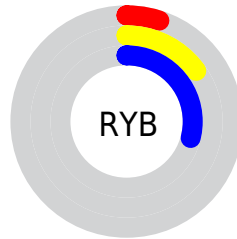
The YIQ color **44.1950, -31.4060, -3.5180** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **40.8050, 31.4060, 3.5180**, and the grayscale version is **44.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **93.2170, -28.4720, -1.6240**, and **9.2900, -12.3800, 4.1000** is the 20% darker color. If you saturate the color by 10%, you get **40.9280, -35.0280, -3.9560**, and if you desaturate by 10%, it is **47.4620, -27.7840, -3.0800**.

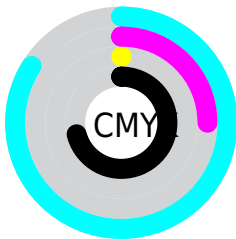
Distribution



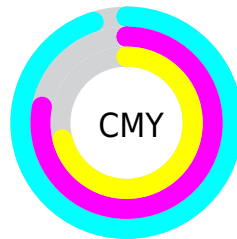
- Red (5%)
- Green (22%)
- Blue (29%)



- Red (5%)
- Yellow (15%)
- Blue (29%)



- Cyan (84%)
- Magenta (25%)
- Yellow (0%)
- Black (71%)



- Cyan (95%)
- Magenta (78%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 44.1950, -31.4060, -3.5180 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 44.1950, -31.4060, -3.5180 by changing the saturation by 10% instead.

■ 44.1950, -31.4060,
-3.5180

■ 44.1950, -31.4060,
-3.5180

■ 255.0000, -0.0000,
-0.0000

■ 25.6580, -25.4000,
-2.2320

■ 93.2170, -28.4720,
-1.6240

■ 9.2900, -12.3800,
4.1000

■ 118.2170,
-28.4720, -1.6240

■ 0.0000, 0.0000,
0.0000

■ 144.3310,
-28.7930, -1.3130


■ 170.4450,
-29.1140, -1.0020


■ 198.5590,
-29.4350, -0.6910


■ 225.9180,


-29.0680, -1.8360


 246.3290,
-17.2840, -6.1480


 44.1950, -31.4060,
-3.5180


 44.1950, -31.4060,
-3.5180


 40.9280, -35.0280,
-3.9560


 47.4620, -27.7840,
-3.0800

 38.2590, -37.4580,
-3.9700

 51.0280, -23.5660,
-2.4300

 54.2950, -19.9440,
-1.9920

 58.1490, -16.5970,
-2.0770

 61.4160, -12.9750,
-1.6390

■ 64.9820, -8.7570,
-0.9890

■ 68.2490, -5.1350,
-0.5510

■ 71.5160, -1.5130,
-0.1130

■ 75.0820, 2.7050,
0.5370

Harmonies

Analogous

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



40.7550, -36.2190, -9.9070



44.1950, -31.4060, -3.5180



49.3650, -16.9650, 4.5950

Triad

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



44.1950, -31.4060, -3.5180



51.8930, 16.7790, 9.7950



48.2740, 1.7440, -9.5840

Complementary

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



44.1950, -31.4060, -3.5180



40.8050, 31.4060, 3.5180

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.



49.9440, 11.6010, -6.5030



44.1950, -31.4060, -3.5180



51.5850, 20.4020, 4.7060

Square

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



44.1950, -31.4060, -3.5180



52.6410, 8.8010, 11.2090



50.6400, 18.5690, -0.6230



46.6900, -11.2310, -11.2230

Rectangle

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



44.1950, -31.4060, -3.5180



51.7360, -7.7040, 7.4640



50.6400, 18.5690, -0.6230



48.9540, 5.6410, -8.6230

Sweetspot

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



44.1950, -31.4060, -3.5180



83.0140, -11.7830, -1.2150



49.7450, -22.2320, -26.6160



41.4660, -7.2440, -0.8760



176.0000, -0.0000, -0.0000



48.0000, -0.0000, 0.0000

Same Dimension

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



44.1950, -31.4060, -3.5180



50.0450, -48.5990, -5.8070



26.5850, -23.1560, 12.1720



34.2170, -2.1090, -0.3250



52.3760, -51.0290, -5.8210



119.7980, -116.8670, -13.0830

Inverse Universe

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



35.1410, 22.5530, 26.3050



35.7440, 34.5170, 40.7650



58.4150, 23.1560, -12.1720



33.5380, 1.4210, 1.7810



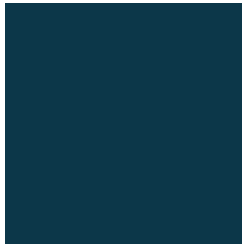
37.5810, 36.5340, 42.7580



86.1130, 83.9320, 97.8840

Previews

White Background



This preview shows how the YIQ color 44.1950, -31.4060, -3.5180 looks on a white background.

Color Contrast Check

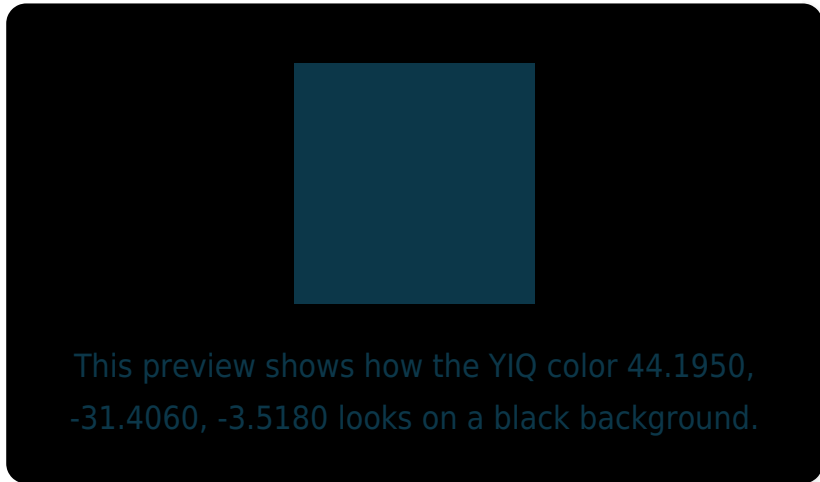
Large Text (above 18pt) WCAG AA ✓ Pass

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

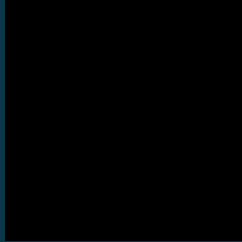
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 44.1950, -31.4060, -3.5180

Background



This preview shows how black text looks on a background with the YIQ color 44.1950, -31.4060, -3.5180.



This preview shows how white text looks on a background with the YIQ color 44.1950, -31.4060,

-3.5180.

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

44.1950, -31.4060, -3.5180

Protanopia

50.9700, -8.4830, 5.0610

Deuteranopia

50.9310, -12.7470, 5.2450



Tritanopia

40.4130, -35.2560, -10.8400

Trichromacy



Original Color

44.1950, -31.4060, -3.5180

Protanomaly

48.6700, -16.5060, 1.7820

Deuteranomaly

48.2290, -19.5780, 2.3900

Tritanomaly

41.4780, -33.8810, -8.2250

Monochromacy



Original Color

44.1950, -31.4060, -3.5180

Achromatopsia

44.0000, -0.0000, -0.0000

Achromatomaly

44.0140, -11.7830, -1.2150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 44.1950, -31.4060, -3.5180 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(12, 55, 73)` looks like.

```
.text, #text, p{  
    color:rgb(12, 55, 73)  
}
```

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(12, 55, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 55, 73) }
```

Border

The CSS property to change the border of an element to YIQ 44.1950, -31.4060, -3.5180 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(12, 55, 73) }
```


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

```
.border{ border-color:rgb(12, 55, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 55, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 55, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 55, 73);  
box-shadow:4px 4px 4px 4px rgb(12, 55, 73)  
}
```

Background

The CSS property to change the background color of an element to YIQ 44.1950, -31.4060, -3.5180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 55, 73) }
```

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

```
.background{ background-color: rgb(12, 55,  
73) }
```

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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