

Converting Colors

YIQ(34.4260, -18.9350, -3.7590)

Have a look what the booklet for
YIQ(34.4260, -18.9350, -3.7590)
contains.

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Color

**YIQ(34.4260, -18.9350,
-3.7590)**

Conversions

Conversions Part 1

Format	Color
Hex	0E2A31
RGB	14, 42, 49
RGB Percent	5%, 16%, 19%
CMY	0.9452, 0.8352, 0.8079
CMYK	0.71, 0.14, 0.00, 0.81
HSL	192°, 56%, 12%
HSV	192°, 71%, 19%
XYZ	1.5632, 1.9716, 3.2016
YIQ	34.4260, -18.9350, -3.7590

Conversions

Conversions Part 2

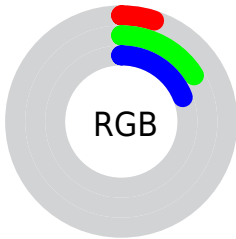
Format	Color
RYB	14, 30, 49
Decimal	928305
CIELab	15.34, -7.92, -7.70
CIElCh	15, 11.048, 224.189
Yxy	1.9716, 0.2321, 0.2927
Android (android.graphics.Color)	4279118385 (0xFF0E2A31)
YUV	34.4260, 7.1850, -17.9136
Hunter-Lab	14.0413, -4.7003, -3.6901

Details

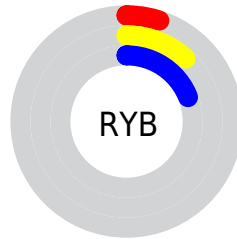
The YIQ color **34.4260, -18.9350, -3.7590** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **28.5740, 18.9350, 3.7590**, and the grayscale version is **34.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **79.8390, -18.6600, -3.2360**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **32.3440, -21.6400, -4.2960**, and if you desaturate by 10%, it is **36.5080, -16.2300, -3.2220**.

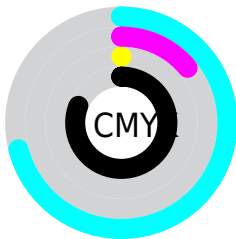
Distribution



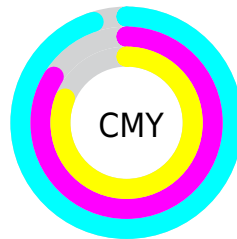
- Red (5%)
- Green (16%)
- Blue (19%)



- Red (5%)
- Yellow (12%)
- Blue (19%)



- Cyan (71%)
- Magenta (14%)
- Yellow (0%)
- Black (81%)



- Cyan (95%)
- Magenta (84%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 34.4260, -18.9350, -3.7590 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 34.4260, -18.9350, -3.7590 by changing the saturation by 10% instead.

■ 34.4260, -18.9350,
-3.7590

■ 34.4260, -18.9350,
-3.7590

■ 252.0100, -5.9600,
-2.1200

■ 16.1060, -15.0380,
-2.7980

■ 79.8390, -18.6600,
-3.2360

■ 0.0000, 0.0000,
0.0000

■ 104.5400,
-19.2560, -3.4480


■ 129.5400,
-19.2560, -3.4480


■ 155.6540,
-19.5770, -3.1370


■ 182.9420,
-20.4480, -3.8720


■ 210.3550,


-20.1730, -3.3490


 238.9420,
-20.4480, -3.8720


 34.4260, -18.9350,
-3.7590


 34.4260, -18.9350,
-3.7590


 32.3440, -21.6400,
-4.2960


 36.5080, -16.2300,
-3.2220


 30.2620, -24.3450,
-4.8330

 38.5900, -13.5250,
-2.6850

 28.4790, -26.4540,
-5.1580

 40.6720, -10.8200,
-2.1480

 42.7540, -8.1150,
-1.6110

 44.5370, -6.0060,
-1.2860

■ 46.6190, -3.3010,
-0.7490

■ 48.7010, -0.5960,
-0.2120

■ 50.7830, 2.1090,
0.3250

■ 52.8650, 4.8140,
0.8620

Harmonies

Analogous

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



34.5140, -16.3670, -6.2470



34.4260, -18.9350, -3.7590



36.1000, -14.9010, 0.2270

Triad

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



34.4260, -18.9350, -3.7590



39.5220, 7.5180, 6.9260



37.4750, 5.7320, -4.7640

Complementary

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



34.4260, -18.9350, -3.7590



28.5740, 18.9350, 3.7590

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.



38.2200, 11.0040, -1.1880



34.4260, -18.9350, -3.7590



39.5070, 11.8740, 5.0740

Square

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



34.4260, -18.9350, -3.7590



39.4010, 0.5490, 6.5730



38.9970, 13.2500, 2.1620



36.4140, -1.4660, -6.4740

Rectangle

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



34.4260, -18.9350, -3.7590



38.0190, -10.1790, 2.7570



38.9970, 13.2500, 2.1620



37.7850, 7.7950, -3.6050

Sweetspot

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



34.4260, -18.9350, -3.7590



58.0530, -7.5190, -1.3990



35.2290, -11.5510, -16.4390



29.4340, -4.2180, -0.6500



161.0000, -0.0000, -0.0000



33.0000, -0.0000, -0.0000

Same Dimension

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



34.4260, -18.9350, -3.7590



41.0980, -29.7550, -5.9070



24.4470, -14.2600, 5.1320



24.5160, -1.5130, -0.1130



51.8230, -48.0940, -9.4540



126.8760, -117.5070, -23.5150

Inverse Universe

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



27.6570, 11.8720, 16.1280



30.4610, 18.6560, 25.3440



38.5530, 14.2600, -5.1320



24.1250, 1.1460, 1.2580



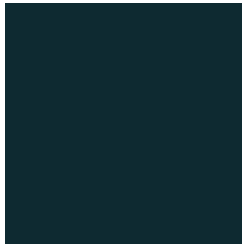
34.7050, 30.2530, 40.9490



84.7190, 73.4780, 100.1180

Previews

White Background



This preview shows how the YIQ color 34.4260, -18.9350, -3.7590 looks on a white background.

Color Contrast Check

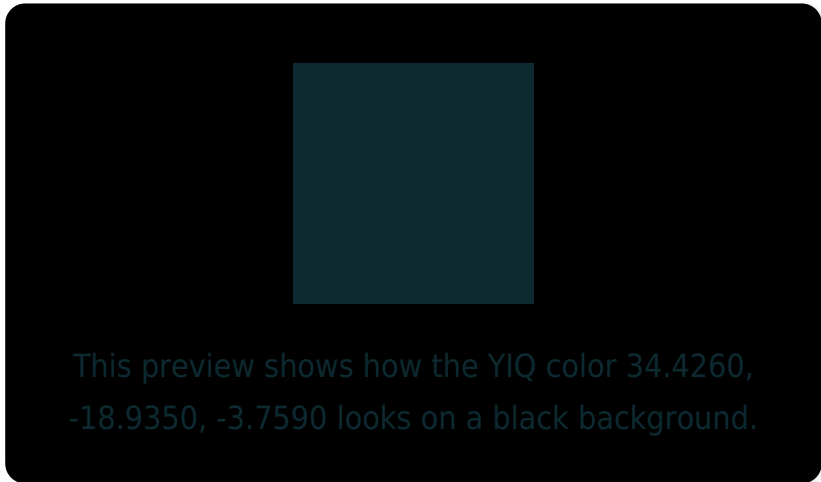
Large Text (above 18pt) WCAG AA ✓ Pass

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

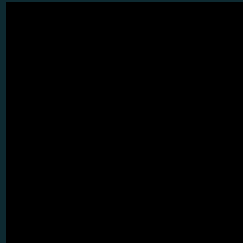
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

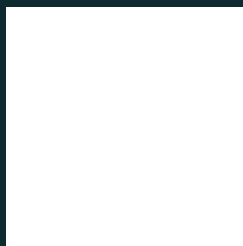
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 34.4260, -18.9350, -3.7590

Background



This preview shows how black text looks on a background with the YIQ color 34.4260, -18.9350, -3.7590.



This preview shows how white text looks on a background with the YIQ color 34.4260, -18.9350,

-3.7590.

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

34.4260, -18.9350, -3.7590

Protanopia

38.6130, -3.1640, 2.2760

Deuteranopia

38.7700, -5.0440, 3.3080



Tritanopia

34.0730, -19.4390, -5.6390

Trichromacy



Original Color

34.4260, -18.9350, -3.7590

Protanomaly

36.9220, -8.5280, 0.3680

Deuteranomaly

36.9650, -10.0870, 1.0890

Tritanomaly

34.4860, -19.1640, -5.1160

Monochromacy



Original Color

34.4260, -18.9350, -3.7590

Achromatopsia

34.0000, -0.0000, 0.0000

Achromatomaly

34.2380, -6.6020, -1.4980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 34.4260, -18.9350, -3.7590 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(14, 42, 49)` looks like.

```
.text, #text, p{  
    color:rgb(14, 42, 49)  
}
```

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(14, 42, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 42, 49) }
```

Border

The CSS property to change the border of an element to YIQ 34.4260, -18.9350, -3.7590 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(14, 42, 49) }
```


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

```
.border{ border-color:rgb(14, 42, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 42, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 42, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 42, 49);  
box-shadow:4px 4px 4px 4px rgb(14, 42, 49)  
}
```

Background

The CSS property to change the background color of an element to YIQ 34.4260, -18.9350, -3.7590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 42, 49) }
```

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

```
.background{ background-color: rgb(14, 42,  
49) }
```

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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