

Converting Colors

YIQ(35.6430, -21.0440, -4.0840)

Have a look what the booklet for
YIQ(35.6430, -21.0440, -4.0840)
contains.

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Color

**YIQ(35.6430, -21.0440,
-4.0840)**

Conversions

Conversions Part 1

Format	Color
Hex	0D2C34
RGB	13, 44, 52
RGB Percent	5%, 17%, 20%
CMY	0.9491, 0.8274, 0.7962
CMYK	0.75, 0.15, 0.00, 0.80
HSL	192°, 60%, 13%
HSV	192°, 75%, 20%
XYZ	1.6862, 2.1355, 3.5694
YIQ	35.6430, -21.0440, -4.0840

Conversions

Conversions Part 2

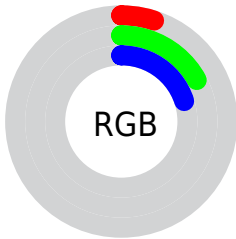
Format	Color
RYB	13, 30, 52
Decimal	863284
CIELab	16.18, -8.31, -8.52
CIELCh	16, 11.906, 225.706
Yxy	2.1355, 0.2281, 0.2889
Android (android.graphics.Color)	4279053364 (0xFF0D2C34)
YUV	35.6430, 8.0640, -19.8579
Hunter-Lab	14.6133, -4.9765, -4.2527

Details

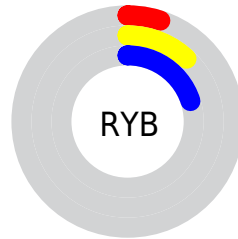
The YIQ color **35.6430, -21.0440, -4.0840** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **29.3570, 21.0440, 4.0840**, and the grayscale version is **36.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **81.9420, -20.4480, -3.8720**, and **0.5700, -1.6050, 1.5550** is the 20% darker color. If you saturate the color by 10%, you get **33.5610, -23.7490, -4.6210**, and if you desaturate by 10%, it is **37.7250, -18.3390, -3.5470**.

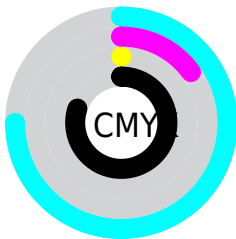
Distribution



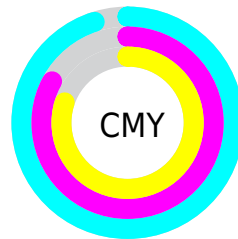
- Red (5%)
- Green (17%)
- Blue (20%)



- Red (5%)
- Yellow (12%)
- Blue (20%)



- Cyan (75%)
- Magenta (15%)
- Yellow (0%)
- Black (80%)



- Cyan (95%)
- Magenta (83%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 35.6430, -21.0440, -4.0840 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 35.6430, -21.0440, -4.0840 by changing the saturation by 10% instead.

■ 35.6430, -21.0440,
-4.0840

■ 35.6430, -21.0440,
-4.0840

■ 252.3090, -5.3640,
-1.9080

■ 17.6220, -16.5510,
-2.9110

■ 81.9420, -20.4480,
-3.8720

■ 0.5700, -1.6050,
1.5550

■ 106.0560,
-20.7690, -3.5610

■ 0.0000, 0.0000,
0.0000


■ 131.7570,
-21.3650, -3.7730


■ 157.8710,
-21.6860, -3.4620


■ 184.8710,
-21.6860, -3.4620


■ 212.5720,


-22.2820, -3.6740


 240.7030,
-21.2730, -5.4410


 35.6430, -21.0440,
-4.0840


 35.6430, -21.0440,
-4.0840


 33.5610, -23.7490,
-4.6210


 37.7250, -18.3390,
-3.5470


 31.4790, -26.4540,
-5.1580

 39.8070, -15.6340,
-3.0100

 29.9950, -27.9670,
-5.2710

 42.1880, -12.3330,
-2.2610

 44.2700, -9.6280,
-1.7240

 46.3520, -6.9230,
-1.1870

■ 48.4340, -4.2180,
-0.6500

■ 50.5160, -1.5130,
-0.1130

■ 53.4840, 1.5130,
0.1130

■ 55.5660, 4.2180,
0.6500

Harmonies

Analogous

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



35.6170, -18.1550, -6.8830



35.6430, -21.0440, -4.0840



37.9150, -15.8180, 0.3260

Triad

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



35.6430, -21.0440, -4.0840



41.2340, 8.3890, 7.6610



39.3610, 6.0530, -5.0750

Complementary

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



35.6430, -21.0440, -4.0840



29.3570, 21.0440, 4.0840

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.



39.9920, 11.6460, -1.8100



35.6430, -21.0440, -4.0840



41.1050, 13.0660, 5.4980

Square

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



35.6430, -21.0440, -4.0840



41.1130, 1.4200, 7.3080



40.7690, 13.8920, 1.5400



38.0010, -1.7410, -6.9970

Rectangle

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



35.6430, -21.0440, -4.0840



39.2470, -10.8210, 3.3790



40.7690, 13.8920, 1.5400



39.2580, 7.8410, -4.4390

Sweetspot

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



35.6430, -21.0440, -4.0840



59.7540, -8.1150, -1.6110



36.8050, -13.2930, -17.9090



29.1350, -4.8140, -0.8620



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.



35.6430, -21.0440, -4.0840



41.3150, -31.8640, -6.2320



24.4900, -15.8190, 5.8530



24.5160, -1.5130, -0.1130



51.8230, -48.0940, -9.4540



125.7020, -116.9570, -22.4690

Inverse Universe

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



28.1950, 13.2930, 17.9090



29.9990, 20.0770, 27.1250



40.5100, 15.8190, -5.8530



24.1250, 1.1460, 1.2580



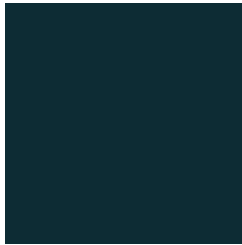
34.7050, 30.2530, 40.9490



84.4910, 74.1200, 99.4960

Previews

White Background



This preview shows how the YIQ color 35.6430, -21.0440, -4.0840 looks on a white background.

Color Contrast Check

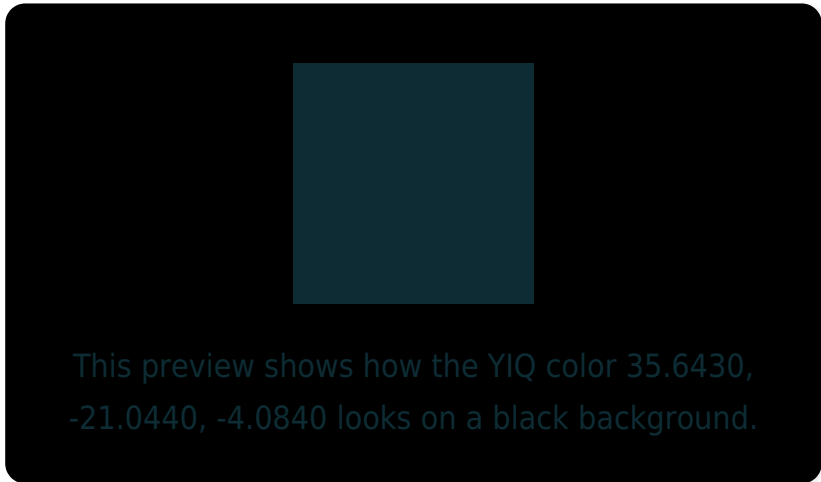
Large Text (above 18pt) WCAG AA ✓ Pass

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

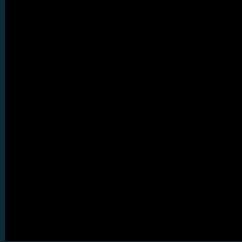
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

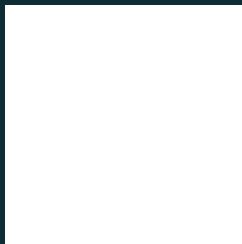
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 35.6430, -21.0440, -4.0840

Background



This preview shows how black text looks on a background with the YIQ color 35.6430, -21.0440, -4.0840.



This preview shows how white text looks on a background with the YIQ color 35.6430, -21.0440,

-4.0840.

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

35.6430, -21.0440, -4.0840

Protanopia

40.4280, -4.0810, 2.3750

Deuteranopia

40.5850, -5.9610, 3.4070



Tritanopia

34.8770, -21.8230, -6.4870

Trichromacy



Original Color

35.6430, -21.0440, -4.0840

Protanomaly

38.4380, -10.0410, 0.2550

Deuteranomaly

38.4810, -11.6000, 0.9760

Tritanomaly

35.2900, -21.5480, -5.9640

Monochromacy



Original Color

35.6430, -21.0440, -4.0840

Achromatopsia

36.0000, -0.0000, 0.0000

Achromatomaly

36.0530, -7.5190, -1.3990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 35.6430, -21.0440, -4.0840 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(13, 44, 52)` looks like.

```
.text, #text, p{  
    color:rgb(13, 44, 52)  
}
```

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(13, 44, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 44, 52) }
```

Border

The CSS property to change the border of an element to YIQ 35.6430, -21.0440, -4.0840 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(13, 44, 52) }
```


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

```
.border{ border-color:rgb(13, 44, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 44, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 44, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 44, 52);  
box-shadow:4px 4px 4px 4px rgb(13, 44, 52)  
}
```

Background

The CSS property to change the background color of an element to YIQ 35.6430, -21.0440, -4.0840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 44, 52) }
```

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

```
.background{ background-color: rgb(13, 44,  
52) }
```

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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