

Converting Colors

YIQ(40.0500, -29.8000,
-10.6000)

Have a look what the booklet for
YIQ(40.0500, -29.8000, -10.6000)
contains.

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Color

**YIQ(40.0500, -29.8000,
-10.6000)**

Conversions

Conversions Part 1

Format	Color
Hex	053737
RGB	5, 55, 55
RGB Percent	2%, 22%, 22%
CMY	0.9805, 0.7842, 0.7844
CMYK	0.91, 0.00, 0.00, 0.78
HSL	180°, 83%, 12%
HSV	180°, 91%, 22%
XYZ	2.1183, 3.0420, 4.0862
YIQ	40.0500, -29.8000, -10.6000

Conversions

Conversions Part 2

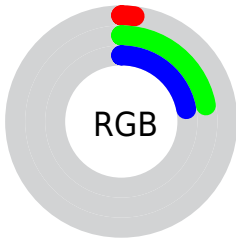
Format	Color
R_{YB}	5, 30, 55
Decimal	341815
CIE Lab	20.21, -15.38, -4.53
CIE LCh	20, 16.028, 196.405
Yxy	3.0420, 0.2291, 0.3290
Android (android.graphics.Color)	4278531895 (0xFF053737)
YUV	40.0500, 7.3704, -30.7388
Hunter-Lab	17.4413, -8.8433, -1.6816

Details

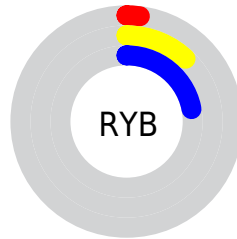
The YIQ color **40.0500, -29.8000, -10.6000** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **19.9500, 29.8000, 10.6000**, and the grayscale version is **40.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **88.8440, -26.2240, -9.3280**, and **2.5420, -4.4020, 2.6860** is the 20% darker color. If you saturate the color by 10%, you get **38.5550, -32.7800, -11.6600**, and if you desaturate by 10%, it is **41.5450, -26.8200, -9.5400**.

Distribution



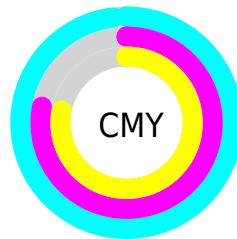
- Red (2%)
- Green (22%)
- Blue (22%)



- Red (2%)
- Yellow (12%)
- Blue (22%)



- Cyan (91%)
- Magenta (0%)
- Yellow (0%)
- Black (78%)



- Cyan (98%)
- Magenta (78%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 40.0500, -29.8000, -10.6000 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 40.0500, -29.8000, -10.6000 by changing the saturation by 10% instead.

■ 40.0500, -29.8000,
-10.6000

■ 40.0500, -29.8000,
-10.6000

■ 252.0100, -5.9600,
-2.1200

■ 23.2470, -19.9890,
-6.6850

■ 88.8440, -26.2240,
-9.3280

■ 2.5420, -4.4020,
2.6860

■ 113.8440,
-26.2240, -9.3280

■ 0.0000, 0.0000,
0.0000

■ 139.5450,
-26.8200, -9.5400

■ 166.1320,
-27.0950, -10.0630


■ 193.8330,
-27.6910, -10.2750


■ 221.5340,


-28.2870, -10.4870


 243.6380,
-22.6480, -8.0560


 40.0500, -29.8000,
-10.6000


 40.0500, -29.8000,
-10.6000


 38.5550, -32.7800,
-11.6600

 41.5450, -26.8200,
-9.5400

 43.3390, -23.2440,
-8.2680

 44.8340, -20.2640,
-7.2080

 46.6280, -16.6880,
-5.9360

 48.1230, -13.7080,
-4.8760

■ 49.9170, -10.1320,
-3.6040

■ 51.4120, -7.1520,
-2.5440

■ 53.2060, -3.5760,
-1.2720

■ 54.7010, -0.5960,
-0.2120

Harmonies

Analogous

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



43.7650, -15.8160, -10.7280



40.0500, -29.8000, -10.6000



40.0050, -33.9270, -7.3910

Triad

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



40.0500, -29.8000, -10.6000



49.9930, 1.8780, 10.0220



48.2050, 15.3600, -3.0400

Complementary

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



40.0500, -29.8000, -10.6000



19.9500, 29.8000, 10.6000

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.



48.9330, 19.3020, 2.6140



40.0500, -29.8000, -10.6000



50.0820, 11.8730, 10.6010

Square

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



40.0500, -29.8000, -10.6000



48.8280, -10.9590, 5.8810



49.9100, 18.1090, 7.7170



47.2640, 7.7040, -7.4640

Rectangle

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



40.0500, -29.8000, -10.6000



42.9890, -27.8300, -2.2460



49.9100, 18.1090, 7.7170



48.6290, 17.1020, -1.5700

Sweetspot

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



40.0500, -29.8000, -10.6000



65.3190, -11.3240, -4.0280



34.6490, -13.1540, -25.9380



32.4120, -7.1520, -2.5440



163.0000, -0.0000, -0.0000



36.0000, -0.0000, 0.0000

Same Dimension

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



40.0500, -29.8000, -10.6000



49.7710, -42.3160, -15.0520



25.9620, -23.2000, 1.9520



27.1030, -1.7880, -0.6360



64.4920, -54.8320, -19.5040



153.5190, -130.5240, -46.4280

Inverse Universe

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



19.9500, 29.8000, 10.6000



21.2290, 42.3160, 15.0520



34.0380, 23.2000, -1.9520



25.8970, 1.7880, 0.6360



27.5080, 54.8320, 19.5040



65.4810, 130.5240, 46.4280

Previews

White Background



This preview shows how the YIQ color 40.0500, -29.8000, -10.6000 looks on a white background.

Color Contrast Check

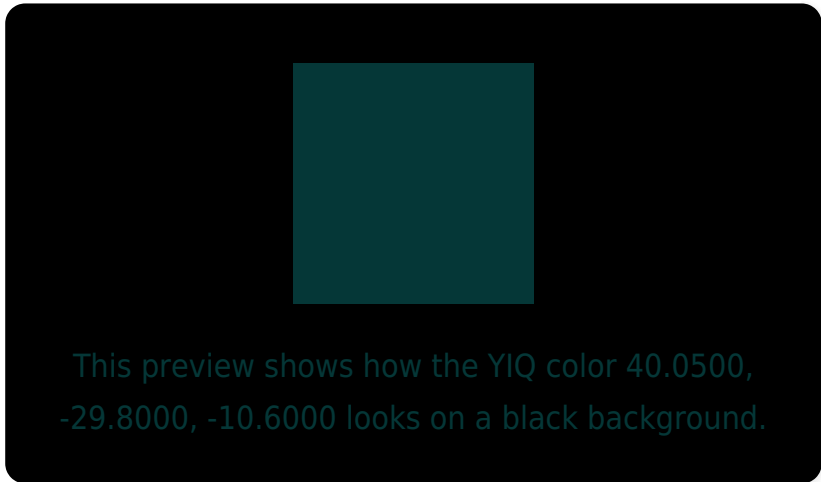
Large Text (above 18pt) WCAG AA ✓ Pass

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

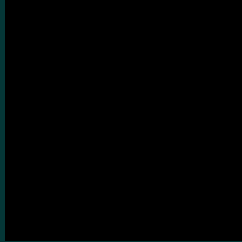
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 40.0500, -29.8000, -10.6000

Background



This preview shows how black text looks on a background with the YIQ color 40.0500, -29.8000, -10.6000.



This preview shows how white text looks on a background with the YIQ color 40.0500, -29.8000,

-10.6000.

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

40.0500, -29.8000, -10.6000

Protanopia

49.2280, -0.6420, 0.6220

Deuteranopia

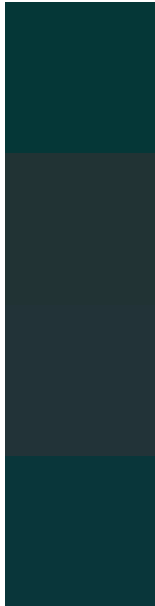
49.6240, -1.6970, 3.2230



Tritanopia

41.7130, -27.2330, -7.5610

Trichromacy



Original Color

40.0500, -29.8000, -10.6000

Protanomaly

45.7320, -11.0490, -3.5050

Deuteranomaly

46.4870, -11.7370, -2.0490

Tritanomaly

41.0010, -28.1040, -8.2960

Monochromacy



Original Color

40.0500, -29.8000, -10.6000

Achromatopsia

40.0000, 0.0000, -0.0000

Achromatomaly

39.6180, -10.7280, -3.8160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 40.0500, -29.8000, -10.6000 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(5, 55, 55)` looks like.

```
.text, #text, p{  
    color:rgb(5, 55, 55)  
}
```

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(5, 55, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 55, 55) }
```

Border

The CSS property to change the border of an element to YIQ 40.0500, -29.8000, -10.6000 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(5, 55, 55) }
```


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

```
.border{ border-color:rgb(5, 55, 55) }
```

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

Here you see how a box with a 4 pixel rgb(5, 55, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 55, 55); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 55, 55); box-shadow:4px  
4px 4px 4px rgb(5, 55, 55) }
```

Background

The CSS property to change the background color of an element to YIQ 40.0500, -29.8000, -10.6000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 55, 55) }
```

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

```
.background{ background-color: rgb(5, 55,  
55) }
```

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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