

Converting Colors

YIQ(43.4370, -26.6360,
-12.8760)

Have a look what the booklet for
YIQ(43.4370, -26.6360, -12.8760)
contains.

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Color

**YIQ(43.4370, -26.6360,
-12.8760)**

Conversions

Conversions Part 1

Format	Color
Hex	0A3B33
RGB	10, 59, 51
RGB Percent	4%, 23%, 20%
CMY	0.9609, 0.7685, 0.8001
CMYK	0.83, 0.00, 0.14, 0.77
HSL	170°, 71%, 14%
HSV	170°, 83%, 23%
XYZ	2.2868, 3.4332, 3.6712
YIQ	43.4370, -26.6360, -12.8760

Conversions

Conversions Part 2

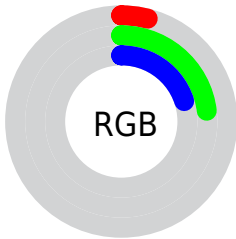
Format	Color
R_{YB}	10, 37, 59
Decimal	670515
CIE _{Lab}	21.70, -18.16, 0.39
CIE _{LCh}	22, 18.166, 178.768
Yxy	3.4332, 0.2435, 0.3656
Android (android.graphics.Color)	4278860595 (0xFF0A3B33)
YUV	43.4370, 3.7286, -29.3242
Hunter-Lab	18.5288, -10.3953, 1.2228

Details

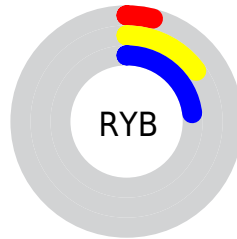
The YIQ color **43.4370, -26.6360, -12.8760** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **25.5630, 26.6360, 12.8760**, and the grayscale version is **43.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **92.1060, -24.2060, -12.8620**, and **7.6140, -4.9050, -4.7210** is the 20% darker color. If you saturate the color by 10%, you get **41.5290, -29.8910, -14.4590**, and if you desaturate by 10%, it is **45.3450, -23.3810, -11.2930**.

Distribution



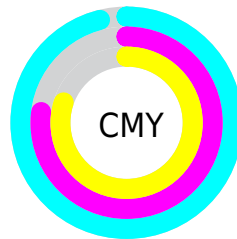
- Red (4%)
- Green (23%)
- Blue (20%)



- Red (4%)
- Yellow (15%)
- Blue (23%)



- Cyan (83%)
- Magenta (0%)
- Yellow (14%)
- Black (77%)



- Cyan (96%)
- Magenta (77%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 43.4370, -26.6360, -12.8760 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 43.4370, -26.6360, -12.8760 by changing the saturation by 10% instead.

■ 43.4370, -26.6360,
-12.8760

■ 43.4370, -26.6360,
-12.8760

■ 253.2060, -3.5760,
-1.2720

■ 25.1390, -19.8050,
-10.0210

■ 92.1060, -24.2060,
-12.8620

■ 7.6140, -4.9050,
-4.7210

■ 117.1060,
-24.2060, -12.8620

■ 0.0000, 0.0000,
0.0000


■ 142.8070,
-24.8020, -13.0740


■ 169.3940,
-25.0770, -13.5970


■ 197.0950,
-25.6730, -13.8090


■ 225.0950,


-25.6730, -13.8090


 244.5350,
-20.8600, -7.4200


 43.4370, -26.6360,
-12.8760


 43.4370, -26.6360,
-12.8760


 41.5290, -29.8910,
-14.4590


 45.3450, -23.3810,
-11.2930

 40.2190, -31.9540,
-15.6180

 47.2530, -20.1260,
-9.7100

 49.1610, -16.8710,
-8.1270

 51.0690, -13.6160,
-6.5440

 52.6780, -10.9570,
-5.1730

■ 54.5860, -7.7020,
-3.5900

■ 56.4940, -4.4470,
-2.0070

■ 58.4020, -1.1920,
-0.4240

■ 60.3100, 2.0630,
1.1590

Harmonies

Analogous

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



47.6470, -9.6720, -11.9440



43.4370, -26.6360, -12.8760



41.9290, -36.7690, -10.9530

Triad

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



43.4370, -26.6360, -12.8760



53.2740, -6.2830, 9.2450



51.8360, 20.9530, 0.2250

Complementary

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



43.4370, -26.6360, -12.8760



25.5630, 26.6360, 12.8760

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.



52.2370, 21.5020, 6.7980



43.4370, -26.6360, -12.8760



53.6840, 7.2420, 11.9300

Square

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



43.4370, -26.6360, -12.8760



49.6740, -22.3290, 2.6870



53.1320, 17.6040, 11.3640



51.0260, 14.3060, -5.9660

Rectangle

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



43.4370, -26.6360, -12.8760



42.2540, -39.0620, -7.9420



53.1320, 17.6040, 11.3640



52.1890, 21.4570, 2.1050

Sweetspot

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



43.4370, -26.6360, -12.8760



70.5640, -10.6360, -5.4840



41.1550, -8.7070, -23.9310



34.4830, -5.9140, -2.9540



166.0000, -0.0000, 0.0000



38.0000, -0.0000, -0.0000

Same Dimension

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



43.4370, -26.6360, -12.8760



52.4950, -41.7190, -20.3670



34.9570, -24.8040, -2.0200



29.9890, -1.4670, -0.9470



64.1840, -51.2090, -24.5930



151.4040, -120.4350, -58.5710

Inverse Universe

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



25.5630, 26.6360, 12.8760



24.5050, 41.7190, 20.3670



34.0430, 24.8040, 2.0200



28.8970, 1.7880, 0.6360



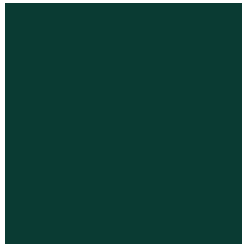
29.8160, 51.2090, 24.5930



70.4820, 120.7560, 58.2600

Previews

White Background



This preview shows how the YIQ color 43.4370, -26.6360, -12.8760 looks on a white background.

Color Contrast Check

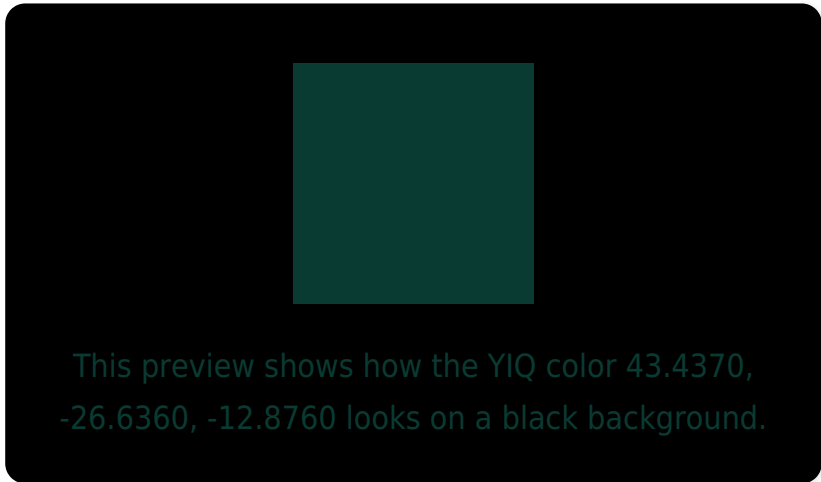
Large Text (above 18pt) WCAG AA ✓ Pass

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

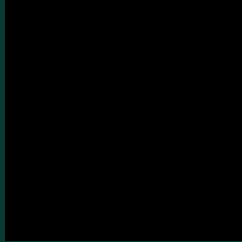
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 43.4370, -26.6360, -12.8760

Background



This preview shows how black text looks on a background with the YIQ color 43.4370, -26.6360, -12.8760.



This preview shows how white text looks on a background with the YIQ color 43.4370, -26.6360,

-12.8760.

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

43.4370, -26.6360, -12.8760

Protanopia

52.0280, 2.7970, -1.1310

Deuteranopia

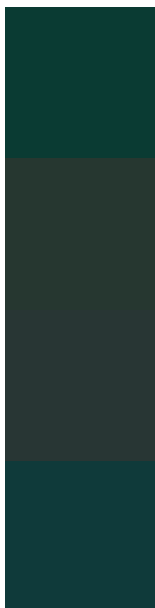
53.0220, 2.9340, 1.8940



Tritanopia

45.9090, -24.8490, -6.7130

Trichromacy



Original Color

43.4370, -26.6360, -12.8760

Protanomaly

49.1190, -7.8850, -5.7810

Deuteranomaly

49.5860, -7.7020, -3.5900

Tritanomaly

45.1430, -25.6280, -9.1160

Monochromacy



Original Color

43.4370, -26.6360, -12.8760

Achromatopsia

43.0000, -0.0000, -0.0000

Achromatomaly

43.2760, -9.7650, -4.7490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 43.4370, -26.6360, -12.8760 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, 59, 51)` looks like.

```
.text, #text, p{  
    color:rgb(10, 59, 51)  
}
```

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, 59, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 59, 51) }
```

Border

The CSS property to change the border of an element to YIQ 43.4370, -26.6360, -12.8760 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, 59, 51) }
```


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

```
.border{ border-color:rgb(10, 59, 51) }
```

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

Here you see how a box with a 4 pixel rgb(10, 59, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 59, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 59, 51);  
box-shadow:4px 4px 4px 4px rgb(10, 59, 51)  
}
```

Background

The CSS property to change the background color of an element to YIQ 43.4370, -26.6360, -12.8760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 59, 51) }
```

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

```
.background{ background-color: rgb(10, 59,  
51) }
```

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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