

Converting Colors

YIQ(53.4330, -38.0080, -5.0160)

Have a look what the booklet for
YIQ(53.4330, -38.0080, -5.0160)
contains.

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Color

**YIQ(53.4330, -38.0080,
-5.0160)**

Conversions

Conversions Part 1

Format	Color
Hex	0E4357
RGB	14, 67, 87
RGB Percent	5%, 26%, 34%
CMY	0.9452, 0.7372, 0.6590
CMYK	0.84, 0.23, 0.00, 0.66
HSL	196°, 72%, 20%
HSV	196°, 84%, 34%
XYZ	3.9077, 4.7975, 9.7278
YIQ	53.4330, -38.0080, -5.0160

Conversions

Conversions Part 2

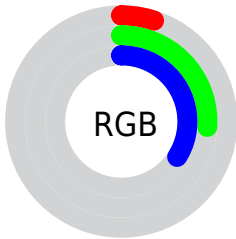
Format	Color
R_{YB}	14, 45, 87
Decimal	934743
CIE _{Lab}	26.15, -9.11, -16.74
CIE _{LCh}	26, 19.056, 241.437
Yxy	4.7975, 0.2120, 0.2603
Android (android.graphics.Color)	4279124823 (0xFF0E4357)
YUV	53.4330, 16.5485, -34.5827
Hunter-Lab	21.9032, -6.4849, -10.9999

Details

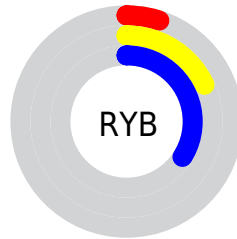
The YIQ color **53.4330, -38.0080, -5.0160** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **47.5670, 38.0080, 5.0160**, and the grayscale version is **53.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **104.0530, -33.8820, -2.6980**, and **19.4630, -20.3570, -0.0130** is the 20% darker color. If you saturate the color by 10%, you get **49.5680, -42.8220, -5.8780**, and if you desaturate by 10%, it is **57.2980, -33.1940, -4.1540**.

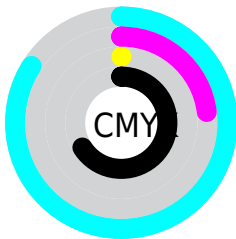
Distribution



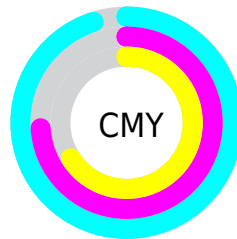
- Red (5%)
- Green (26%)
- Blue (34%)



- Red (5%)
- Yellow (18%)
- Blue (34%)



- Cyan (84%)
- Magenta (23%)
- Yellow (0%)
- Black (66%)



- Cyan (95%)
- Magenta (74%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 53.4330, -38.0080, -5.0160 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 53.4330, -38.0080, -5.0160 by changing the saturation by 10% instead.

■ 53.4330, -38.0080,
-5.0160

■ 53.4330, -38.0080,
-5.0160

■ 255.0000, -0.0000,
-0.0000

■ 33.7110, -32.9190,
-3.6310

■ 104.0530,
-33.8820, -2.6980

■ 19.4630, -20.3570,
-0.0130

■ 130.0530,
-33.8820, -2.6980

■ 2.9810, -7.0160,
6.0080

■ 156.1670,
-34.2030, -2.3870

■ 0.0000, 0.0000,
0.0000

■ 183.2810,
-34.5240, -2.0760

■ 211.3950,
-34.8450, -1.7650

■ 237.7020,

-28.7000, -8.5080

■ 248.7210,
-12.5160, -4.4520

■ 53.4330, -38.0080,
-5.0160

■ 53.4330, -38.0080,
-5.0160

■ 49.5680, -42.8220,
-5.8780

■ 57.2980, -33.1940,
-4.1540

■ 46.8990, -45.2520,
-5.8920

■ 61.4510, -29.2510,
-4.0270

■ 65.3160, -24.4370,
-3.1650

■ 69.7680, -19.8980,
-2.8260

■ 73.3340, -15.6800,
-2.1760

■ 77.1990, -10.8660,
-1.3140

■ 81.6510, -6.3270,
-0.9750

■ 85.5160, -1.5130,
-0.1130

■ 89.0820, 2.7050,
0.5370

Harmonies

Analogous

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



49.1670, -43.3710, -12.4510



53.4330, -38.0080, -5.0160



59.9130, -21.5040, 4.2560

Triad

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



53.4330, -38.0080, -5.0160



63.6160, 19.1170, 11.4770



59.7040, 3.3490, -11.1390

Complementary

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



53.4330, -38.0080, -5.0160



47.5670, 38.0080, 5.0160

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.



60.7980, 14.9480, -6.5880



53.4330, -38.0080, -5.0160



62.6070, 23.3360, 6.6000

Square

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



53.4330, -38.0080, -5.0160



63.9940, 9.3050, 13.0890



61.9070, 22.1910, -0.1850



56.7500, -11.4600, -12.5800

Rectangle

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



53.4330, -38.0080, -5.0160



62.4090, -11.0970, 8.3830



61.9070, 22.1910, -0.1850



59.6830, 7.8420, -9.9660

Sweetspot

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



53.4330, -38.0080, -5.0160



99.5190, -14.7630, -2.2750



59.0170, -26.1740, -32.2700



48.5690, -9.0320, -1.5120



184.0000, 0.0000, -0.0000



56.0000, -0.0000, 0.0000

Same Dimension

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



53.4330, -38.0080, -5.0160



60.9020, -58.5020, -8.0540



32.3010, -28.1080, 13.8120



41.2170, -2.1090, -0.3250



57.9840, -55.7970, -7.5170



127.1670, -122.4600, -16.3480

Inverse Universe

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



41.8690, 26.4950, 31.9590



42.8360, 40.4300, 49.2460



68.6990, 28.1080, -13.8120



40.5380, 1.4210, 1.7810



40.8850, 38.7340, 46.9420



89.7590, 85.1690, 103.0010

Previews

White Background



This preview shows how the YIQ color 53.4330, -38.0080, -5.0160 looks on a white background.

Color Contrast Check

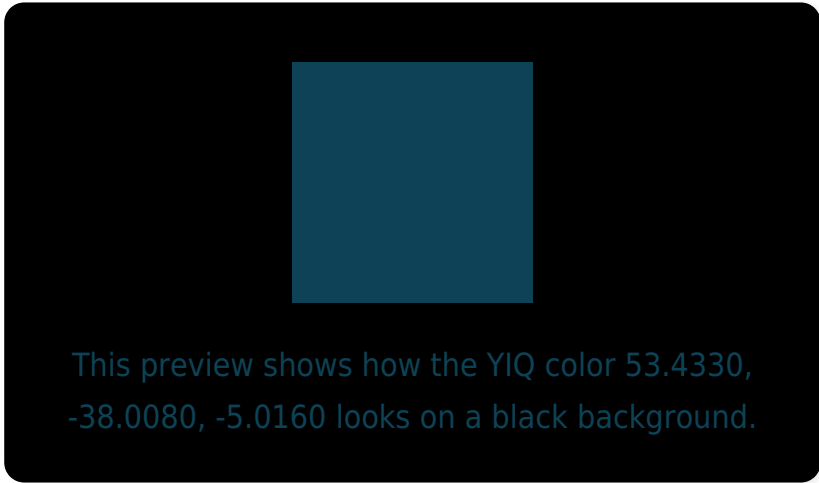
Large Text (above 18pt) WCAG AA ✓ Pass

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

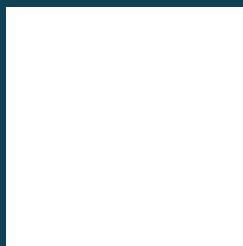
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 53.4330, -38.0080, -5.0160

Background



This preview shows how black text looks on a background with the YIQ color 53.4330, -38.0080, -5.0160.



This preview shows how white text looks on a background with the YIQ color 53.4330, -38.0080,

-5.0160.

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

53.4330, -38.0080, -5.0160

Protanopia

61.8990, -9.7210, 5.4710

Deuteranopia

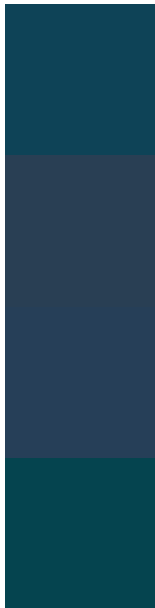
61.3870, -14.0310, 6.4890



Tritanopia

48.9390, -42.7290, -13.0730

Trichromacy



Original Color

53.4330, -38.0080, -5.0160

Protanomaly

58.8160, -19.8530, 1.8670

Deuteranomaly

58.3750, -22.9250, 2.4750

Tritanomaly

50.4170, -41.0790, -9.9350

Monochromacy



Original Color

53.4330, -38.0080, -5.0160

Achromatopsia

53.0000, -0.0000, -0.0000

Achromatomaly

53.1170, -13.5710, -1.8510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 53.4330, -38.0080, -5.0160 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, 67, 87)` looks like.

```
.text, #text, p{  
    color:rgb(14, 67, 87)  
}
```

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, 67, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 67, 87) }
```

Border

The CSS property to change the border of an element to YIQ 53.4330, -38.0080, -5.0160 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, 67, 87) }
```


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

```
.border{ border-color:rgb(14, 67, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 67, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 67, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 67, 87);  
box-shadow:4px 4px 4px 4px rgb(14, 67, 87)  
}
```

Background

The CSS property to change the background color of an element to YIQ 53.4330, -38.0080, -5.0160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 67, 87) }
```

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

```
.background{ background-color: rgb(14, 67,  
87) }
```

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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