

Converting Colors

YIQ(50.7270, -39.0160, -8.7760)

Have a look what the booklet for
YIQ(50.7270, -39.0160, -8.7760)
contains.

YIQ(50.7270, -39.0160, -8.7760)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

**YIQ(50.7270, -39.0160,
-8.7760)**

Conversions

Conversions Part 1

Format	Color
Hex	08434F
RGB	8, 67, 79
RGB Percent	3%, 26%, 31%
CMY	0.9687, 0.7372, 0.6904
CMYK	0.90, 0.15, 0.00, 0.69
HSL	190°, 82%, 17%
HSV	190°, 90%, 31%
XYZ	3.5181, 4.6326, 8.0979
YIQ	50.7270, -39.0160, -8.7760

Conversions

Conversions Part 2

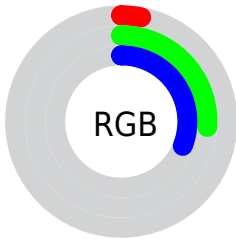
Format	Color
R_{YB}	8, 40, 79
Decimal	541519
CIE _{Lab}	25.66, -12.94, -12.28
CIE _{LCh}	26, 17.839, 223.492
Yxy	4.6326, 0.2165, 0.2851
Android (android.graphics.Color)	4278731599 (0xFF08434F)
YUV	50.7270, 13.9386, -37.4716
Hunter-Lab	21.5234, -8.4893, -7.2407

Details

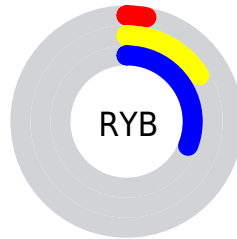
The YIQ color **50.7270, -39.0160, -8.7760** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **36.2730, 39.0160, 8.7760**, and the grayscale version is **51.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **101.8310, -33.3770, -6.3450**, and **18.6650, -18.1100, -2.1900** is the 20% darker color. If you saturate the color by 10%, you get **47.7480, -43.5090, -9.9490**, and if you desaturate by 10%, it is **53.7060, -34.5230, -7.6030**.

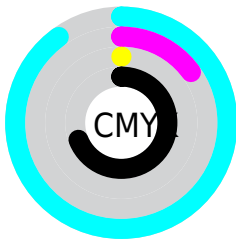
Distribution



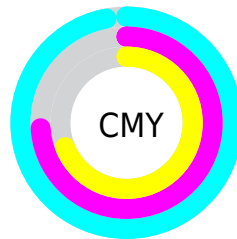
- Red (3%)
- Green (26%)
- Blue (31%)



- Red (3%)
- Yellow (16%)
- Blue (31%)



- Cyan (90%)
- Magenta (15%)
- Yellow (0%)
- Black (69%)



- Cyan (97%)
- Magenta (74%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 50.7270, -39.0160, -8.7760 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 50.7270, -39.0160, -8.7760 by changing the saturation by 10% instead.

■ 50.7270, -39.0160,
-8.7760

■ 50.7270, -39.0160,
-8.7760

■ 255.0000, -0.0000,
-0.0000

■ 32.7990, -30.3510,
-6.1190

■ 101.8310,
-33.3770, -6.3450

■ 18.6650, -18.1100,
-2.1900

■ 127.8310,
-33.3770, -6.3450

■ 1.3680, -3.8520,
3.7320

■ 153.9450,
-33.6980, -6.0340

■ 0.0000, 0.0000,
0.0000

■ 180.9450,
-33.6980, -6.0340

■ 208.7600,
-34.6150, -5.9350

■ 236.2070,

-31.6800, -9.5680

■ 247.2260,
-15.4960, -5.5120

■ 50.7270, -39.0160,
-8.7760

■ 50.7270, -39.0160,
-8.7760

■ 47.7480, -43.5090,
-9.9490

■ 53.7060, -34.5230,
-7.6030

■ 57.2720, -30.3050,
-6.9530

■ 60.2510, -25.8120,
-5.7800

■ 63.2300, -21.3190,
-4.6070

■ 66.4970, -17.6970,
-4.1690

■ 69.4760, -13.2040,
-2.9960

■ 72.4550, -8.7110,
-1.8230

■ 76.0210, -4.4930,
-1.1730

■ 79.0000, -0.0000,
0.0000

Harmonies

Analogous

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



51.7400, -31.8630, -11.7590



50.7270, -39.0160, -8.7760



56.0430, -27.9220, -0.5780

Triad

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



50.7270, -39.0160, -8.7760



62.3210, 12.6980, 12.1700



59.4060, 10.1800, -8.2840

Complementary

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



50.7270, -39.0160, -8.7760



36.2730, 39.0160, 8.7760

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.



60.1730, 18.3860, -2.8140



50.7270, -39.0160, -8.7760



61.6330, 20.4470, 9.3990

Square

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



50.7270, -39.0160, -8.7760



62.3350, 0.9150, 10.9550



61.4280, 22.2820, 3.6740



57.4800, -1.8320, -10.8560

Rectangle

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



50.7270, -39.0160, -8.7760



59.5820, -19.0740, 4.2700



61.4280, 22.2820, 3.6740



59.4280, 13.1140, -6.3900

Sweetspot

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



50.7270, -39.0160, -8.7760



90.6930, -15.3130, -3.3210



51.0450, -23.3770, -33.4010



44.4550, -8.7110, -1.8230



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



50.7270, -39.0160, -8.7760



61.5230, -56.1170, -12.7330



30.1820, -29.3910, 9.5290



36.8040, -2.3840, -0.8480



138.3370, -126.3550, -28.3630

Inverse Universe

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



35.9550, 23.3770, 33.4010



40.1880, 33.5070, 48.0590



56.8180, 29.3910, -9.5290



35.6520, 1.1000, 2.0920



90.5440, 75.7690, 108.1610

Previews

White Background



This preview shows how the YIQ color 50.7270, -39.0160, -8.7760 looks on a white background.

Color Contrast Check

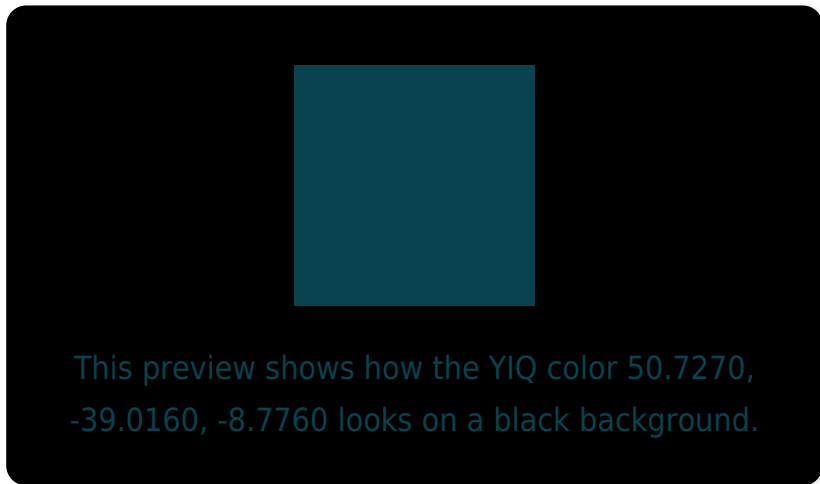
Large Text (above 18pt) WCAG AA ✓ Pass

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

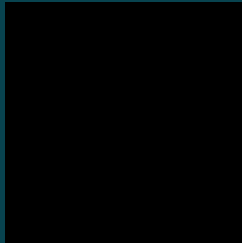
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

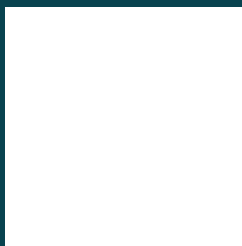
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 50.7270, -39.0160, -8.7760

Background



This preview shows how black text looks on a background with the YIQ color 50.7270, -39.0160, -8.7760.



This preview shows how white text looks on a background with the YIQ color 50.7270, -39.0160,

-8.7760.

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

50.7270, -39.0160, -8.7760

Protanopia

60.9980, -5.6860, 3.9300

Deuteranopia

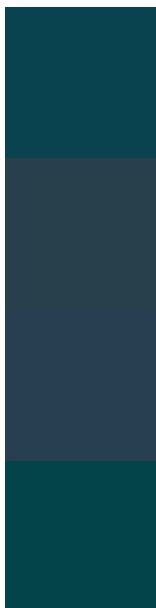
61.1980, -9.1250, 5.6830



Tritanopia

48.2380, -42.1330, -12.8610

Trichromacy



Original Color

50.7270, -39.0160, -8.7760

Protanomaly

57.6050, -17.8810, -0.8330

Deuteranomaly

57.7620, -19.7610, 0.1990

Tritanomaly

49.3630, -40.9870, -11.6030

Monochromacy



Original Color

50.7270, -39.0160, -8.7760

Achromatopsia

51.0000, -0.0000, -0.0000

Achromatomaly

50.8780, -14.3960, -3.4200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 50.7270, -39.0160, -8.7760 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(8, 67, 79)` looks like.

```
.text, #text, p{  
    color:rgb(8, 67, 79)  
}
```

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(8, 67, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 67, 79) }
```

Border

The CSS property to change the border of an element to YIQ 50.7270, -39.0160, -8.7760 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(8, 67, 79) }
```

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

```
.border{ border-color:rgb(8, 67, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 67, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 67, 79); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 67, 79); box-shadow:4px  
4px 4px 4px rgb(8, 67, 79) }
```

Background

The CSS property to change the background color of an element to YIQ 50.7270, -39.0160, -8.7760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 67, 79) }
```

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

```
.background{ background-color: rgb(8, 67,  
79) }
```

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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