

Converting Colors

YIQ(55.0840, -44.3350, -5.9910)

Have a look what the booklet for
YIQ(55.0840, -44.3350, -5.9910)
contains.

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Color

**YIQ(55.0840, -44.3350,
-5.9910)**

Conversions

Conversions Part 1

Format	Color
Hex	09475E
RGB	9, 71, 94
RGB Percent	4%, 28%, 37%
CMY	0.9648, 0.7215, 0.6316
CMYK	0.90, 0.24, 0.00, 0.63
HSL	196°, 83%, 20%
HSV	196°, 90%, 37%
XYZ	4.3853, 5.3749, 11.3844
YIQ	55.0840, -44.3350, -5.9910

Conversions

Conversions Part 2

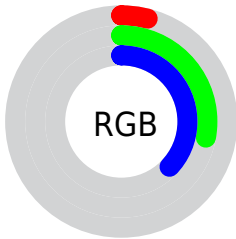
Format	Color
RYB	9, 45, 94
Decimal	608094
CIELab	27.78, -9.36, -18.74
CIELCh	28, 20.951, 243.454
Yxy	5.3749, 0.2074, 0.2542
Android (android.graphics.Color)	4278798174 (0xFF09475E)
YUV	55.0840, 19.1856, -40.4157
Hunter-Lab	23.1839, -6.8080, -12.8855

Details

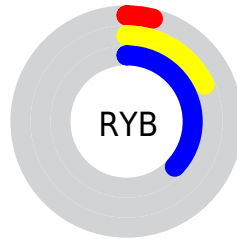
The YIQ color **55.0840, -44.3350, -5.9910** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **47.9160, 44.3350, 5.9910**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.1990, -37.2290, -2.6130**, and **21.9080, -23.1080, 0.2840** is the 20% darker color. If you saturate the color by 10%, you get **51.2190, -49.1490, -6.8530**, and if you desaturate by 10%, it is **59.5360, -39.7960, -5.6520**.

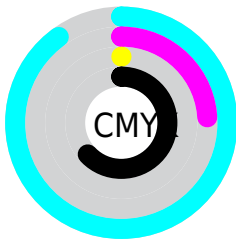
Distribution



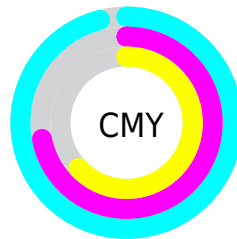
- Red (4%)
- Green (28%)
- Blue (37%)



- Red (4%)
- Yellow (18%)
- Blue (37%)



- Cyan (90%)
- Magenta (24%)
- Yellow (0%)
- Black (63%)



- Cyan (96%)
- Magenta (72%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 55.0840, -44.3350, -5.9910 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 55.0840, -44.3350, -5.9910 by changing the saturation by 10% instead.

■ 55.0840, -44.3350,
-5.9910

■ 55.0840, -44.3350,
-5.9910

■ 255.0000, -0.0000,
-0.0000

■ 36.7430, -35.9450,
-3.8570

■ 107.1990,
-37.2290, -2.6130

■ 21.9080, -23.1080,
0.2840

■ 133.3130,
-37.5500, -2.3020

■ 3.6650, -8.9420,
7.8740

■ 160.3130,
-37.5500, -2.3020

■ 0.0000, 0.0000,
0.0000

■ 187.4270,
-37.8710, -1.9910

■ 215.5410,
-38.1920, -1.6800

■ 240.3490,

-29.2040, -10.3880

249.0200,
-11.9200, -4.2400

55.0840, -44.3350,
-5.9910

55.0840, -44.3350,
-5.9910

51.2190, -49.1490,
-6.8530

59.5360, -39.7960,
-5.6520

63.7000, -34.3860,
-4.5780

68.1520, -29.8470,
-4.2390

72.3160, -24.4370,
-3.1650

76.7680, -19.8980,
-2.8260

■ 80.6330, -15.0840,
-1.9640

■ 85.3840, -9.9490,
-1.4130

■ 89.2490, -5.1350,
-0.5510

■ 94.0000, 0.0000,
0.0000

Harmonies

Analogous

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



52.9000, -46.9930, -12.8890



55.0840, -44.3350, -5.9910



63.5430, -23.3380, 4.4540

Triad

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



55.0840, -44.3350, -5.9910



67.1110, 22.0970, 12.5370



62.4650, 2.5240, -12.7080

Complementary

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



55.0840, -44.3350, -5.9910



47.9160, 44.3350, 5.9910

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.



64.0430, 15.6360, -8.0440



55.0840, -44.3350, -5.9910



66.2760, 25.7660, 6.6140

Square

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



55.0840, -44.3350, -5.9910



67.4180, 11.0470, 14.5590



65.4510, 23.4750, -1.4290



59.7280, -14.3940, -14.4740

Rectangle

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



55.0840, -44.3350, -5.9910



66.3490, -10.8680, 9.7400



65.4510, 23.4750, -1.4290



62.7430, 7.6130, -11.3230

Sweetspot

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



55.0840, -44.3350, -5.9910



106.8500, -17.1930, -2.2890



61.5170, -30.7580, -37.3020



52.3840, -9.9490, -1.4130



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



55.0840, -44.3350, -5.9910



66.1510, -63.6370, -8.6050



30.4300, -32.7850, 15.9750



43.9180, -2.7050, -0.5370



59.5000, -57.3100, -7.6300



128.5690, -123.6520, -16.7720

Inverse Universe

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



41.4830, 30.7580, 37.3020



46.6240, 44.1430, 53.5430



72.5700, 32.7850, -15.9750



42.9510, 1.6960, 2.3040



42.0100, 39.8800, 48.2000



90.5850, 85.7190, 104.0470

Previews

White Background



This preview shows how the YIQ color 55.0840, -44.3350, -5.9910 looks on a white background.

Color Contrast Check

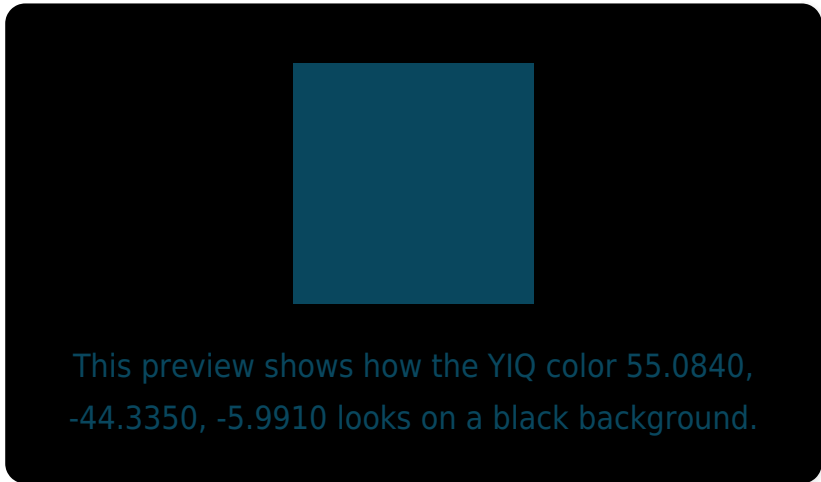
Large Text (above 18pt) WCAG AA ✓ Pass

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

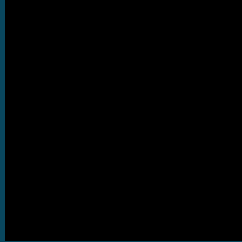
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 55.0840, -44.3350, -5.9910

Background



This preview shows how black text looks on a background with the YIQ color 55.0840, -44.3350, -5.9910.



This preview shows how white text looks on a background with the YIQ color 55.0840, -44.3350,

-5.9910.

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

55.0840, -44.3350, -5.9910

Protanopia

65.9420, -11.2800, 6.1920

Deuteranopia

65.1310, -16.1860, 6.9980



Tritanopia

51.8570, -45.4340, -13.6100

Trichromacy



Original Color

55.0840, -44.3350, -5.9910

Protanomaly

61.9620, -23.2000, 1.9520

Deuteranomaly

61.5210, -26.2720, 2.5600

Tritanomaly

52.7370, -44.9760, -10.8960

Monochromacy



Original Color

55.0840, -44.3350, -5.9910

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.0350, -16.2760, -2.3880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 55.0840, -44.3350, -5.9910 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(9, 71, 94)` looks like.

```
.text, #text, p{  
    color:rgb(9, 71, 94)  
}
```

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(9, 71, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 71, 94) }
```

Border

The CSS property to change the border of an element to YIQ 55.0840, -44.3350, -5.9910 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(9, 71, 94) }
```


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

```
.border{ border-color:rgb(9, 71, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 71, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 71, 94); -webkit-box-shadow:4px  
4px 4px 4px rgb(9, 71, 94); box-shadow:4px  
4px 4px 4px rgb(9, 71, 94) }
```

Background

The CSS property to change the background color of an element to YIQ 55.0840, -44.3350, -5.9910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 71, 94) }
```

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

```
.background{ background-color: rgb(9, 71,  
94) }
```

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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