

Converting Colors

YIQ(55.0090, -13.3870, -5.1870)

Have a look what the booklet for
YIQ(55.0090, -13.3870, -5.1870)
contains.

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Color

**YIQ(55.0090, -13.3870,
-5.1870)**

Conversions

Conversions Part 1

Format	Color
Hex	273E3D
RGB	39, 62, 61
RGB Percent	15%, 24%, 24%
CMY	0.8471, 0.7568, 0.7608
CMYK	0.37, 0.00, 0.02, 0.76
HSL	177°, 23%, 20%
HSV	177°, 37%, 24%
XYZ	3.4013, 4.2141, 5.0471
YIQ	55.0090, -13.3870, -5.1870

Conversions

Conversions Part 2

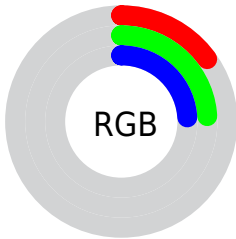
Format	Color
RYB	39, 51, 62
Decimal	2571837
CIELab	24.37, -9.23, -2.25
CIELCh	24, 9.498, 193.676
Yxy	4.2141, 0.2686, 0.3328
Android (android.graphics.Color)	4280761917 (0xFF273E3D)
YUV	55.0090, 2.9536, -14.0399
Hunter-Lab	20.5284, -6.3497, -0.2073

Details

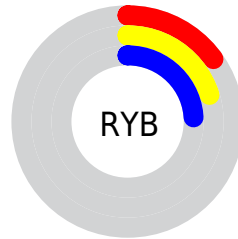
The YIQ color **55.0090, -13.3870, -5.1870** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **45.9910, 13.3870, 5.1870**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.2970, -14.2580, -5.9220**, and **13.9060, -11.5990, -4.5510** is the 20% darker color. If you saturate the color by 10%, you get **53.2150, -16.9630, -6.4590**, and if you desaturate by 10%, it is **56.8030, -9.8110, -3.9150**.

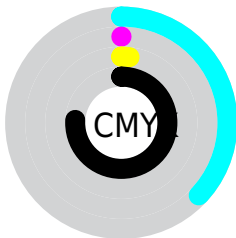
Distribution



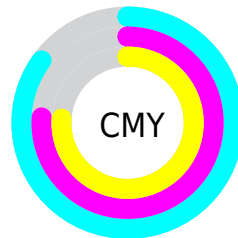
- Red (15%)
- Green (24%)
- Blue (24%)



- Red (15%)
- Yellow (20%)
- Blue (24%)



- Cyan (37%)
- Magenta (0%)
- Yellow (2%)
- Black (76%)



- Cyan (85%)
- Magenta (76%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 55.0090, -13.3870, -5.1870 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 55.0090, -13.3870, -5.1870 by changing the saturation by 10% instead.

■ 55.0090, -13.3870,
-5.1870

■ 55.0090, -13.3870,
-5.1870

■ 255.0000, -0.0000,
-0.0000

■ 33.0090, -13.3870,
-5.1870

■ 102.2970,
-14.2580, -5.9220

■ 13.9060, -11.5990,
-4.5510

■ 127.4110,
-14.5790, -5.6110

■ 0.0000, 0.0000,
0.0000

■ 153.1120,
-15.1750, -5.8230

■ 180.1120,
-15.1750, -5.8230

■ 207.6990,
-15.4500, -6.3460

■ 235.8130,

-15.7710, -6.0350

252.0100, -5.9600,
-2.1200

55.0090, -13.3870,
-5.1870

55.0090, -13.3870,
-5.1870

53.2150, -16.9630,
-6.4590

56.8030, -9.8110,
-3.9150

51.3070, -20.2180,
-8.0420

58.7110, -6.5560,
-2.3320

49.2140, -24.3900,
-9.5260

60.8040, -2.3840,
-0.8480

47.4200, -27.9660,
-10.7980

62.5980, 1.1920,
0.4240

45.6260, -31.5420,
-12.0700

64.3920, 4.7680,
1.6960

■ 43.7180, -34.7970,
-13.6530

■ 66.3000, 8.0230,
3.2790

■ 43.1200, -35.9890,
-14.0770

■ 68.0940, 11.5990,
4.5510

■ 70.1870, 15.7710,
6.0350

■ 71.9810, 19.3470,
7.3070

Harmonies

Analogous

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



55.7060, -8.1600, -6.3040



55.0090, -13.3870, -5.1870



55.1060, -15.0380, -2.7980

Triad

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



55.0090, -13.3870, -5.1870



58.8740, 0.5950, 5.7390



57.9210, 10.4080, -1.4000

Complementary

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



55.0090, -13.3870, -5.1870



45.9910, 13.3870, 5.1870

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.



58.6980, 12.6540, 1.9500



55.0090, -13.3870, -5.1870



59.1090, 7.2430, 6.4030

Square

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



55.0090, -13.3870, -5.1870



57.8130, -6.6030, 4.0290



59.2080, 11.2780, 4.8620



57.0020, 5.6860, -3.9300

Rectangle

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



55.0090, -13.3870, -5.1870



55.7580, -13.9380, -0.7060



59.2080, 11.2780, 4.8620



58.0460, 11.5540, -0.1420

Sweetspot

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



55.0090, -13.3870, -5.1870



79.1950, -5.0430, -2.2190



52.8000, -5.7290, -11.8170



39.2060, -3.5760, -1.2720



168.0000, -0.0000, -0.0000



41.0000, 0.0000, -0.0000

Same Dimension

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



55.0090, -13.3870, -5.1870



70.7090, -21.4100, -8.4660



49.2530, -10.9580, 0.3540



29.9890, -1.4670, -0.9470



65.4380, -54.7400, -21.1720



154.4820, -129.1020, -50.1740

Inverse Universe

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



45.9910, 13.3870, 5.1870



56.2910, 21.4100, 8.4660



51.7470, 10.9580, -0.3540



28.8970, 1.7880, 0.6360



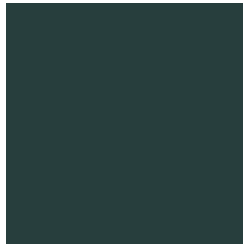
28.5620, 54.7400, 21.1720



67.5180, 129.1020, 50.1740

Previews

White Background



This preview shows how the YIQ color 55.0090, -13.3870, -5.1870 looks on a white background.

Color Contrast Check

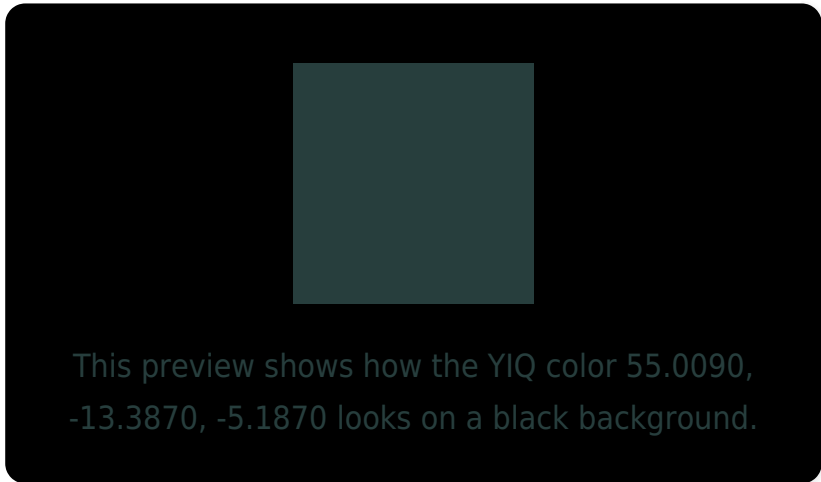
Large Text (above 18pt) WCAG AA ✓ Pass

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

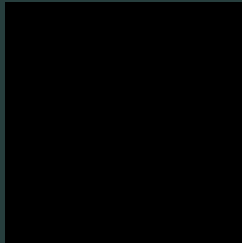
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

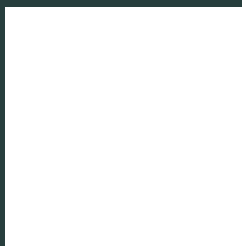
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 55.0090, -13.3870, -5.1870

Background



This preview shows how black text looks on a background with the YIQ color 55.0090, -13.3870, -5.1870.



This preview shows how white text looks on a background with the YIQ color 55.0090, -13.3870,

-5.1870.

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

55.0090, -13.3870, -5.1870

Protanopia

57.7120, 0.8710, 0.7350

Deuteranopia

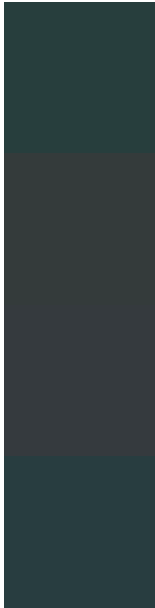
58.1790, 1.0540, 2.9260



Tritanopia

55.2910, -14.1210, -2.8970

Trichromacy



Original Color

55.0090, -13.3870, -5.1870

Protanomaly

56.9070, -4.1720, -1.4840

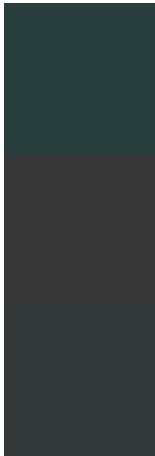
Deuteranomaly

56.9610, -4.2640, 0.1840

Tritanomaly

55.0630, -13.4790, -3.5190

Monochromacy



Original Color

55.0090, -13.3870, -5.1870

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.1950, -5.0430, -2.2190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 55.0090, -13.3870, -5.1870 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(39, 62, 61)` looks like.

```
.text, #text, p{  
    color:rgb(39, 62, 61)  
}
```

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(39, 62, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 62, 61) }
```

Border

The CSS property to change the border of an element to YIQ 55.0090, -13.3870, -5.1870 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(39, 62, 61) }
```


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

```
.border{ border-color:rgb(39, 62, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 62, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 62, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 62, 61);  
box-shadow:4px 4px 4px 4px rgb(39, 62, 61)  
}
```

Background

The CSS property to change the background color of an element to YIQ 55.0090, -13.3870, -5.1870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 62, 61) }
```

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

```
.background{ background-color: rgb(39, 62,  
61) }
```

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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