

Converting Colors

YIQ(63.2670, -5.5460, -9.6260)

Have a look what the booklet for
YIQ(63.2670, -5.5460, -9.6260)
contains.

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Color

**YIQ(63.2670, -5.5460,
-9.6260)**

Conversions

Conversions Part 1

Format	Color
Hex	344735
RGB	52, 71, 53
RGB Percent	20%, 28%, 21%
CMY	0.7961, 0.7215, 0.7922
CMYK	0.27, 0.00, 0.25, 0.72
HSL	123°, 15%, 24%
HSV	123°, 27%, 28%
XYZ	4.3117, 5.4942, 4.2011
YIQ	63.2670, -5.5460, -9.6260

Conversions

Conversions Part 2

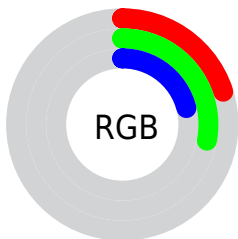
Format	Color
RYB	52, 70, 71
Decimal	3426101
CIELab	28.10, -11.76, 8.45
CIElCh	28, 14.479, 144.295
Yxy	5.4942, 0.3078, 0.3922
Android (android.graphics.Color)	4281616181 (0xFF344735)
YUV	63.2670, -5.0616, -9.8812
Hunter-Lab	23.4397, -8.1844, 5.7811

Details

The YIQ color **63.2670, -5.5460, -9.6260** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **59.7330, 5.5460, 9.6260**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.8540, -5.8210, -10.1490**, and **20.0390, -4.9040, -10.2480** is the 20% darker color. If you saturate the color by 10%, you get **60.3760, -7.4710, -13.2870**, and if you desaturate by 10%, it is **66.1580, -3.6210, -5.9650**.

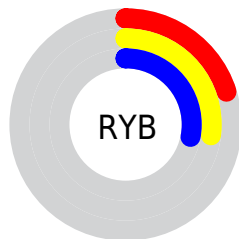
Distribution



Red (20%)

Green (28%)

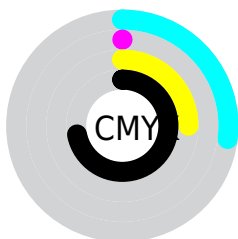
Blue (21%)



Red (20%)

Yellow (27%)

Blue (28%)

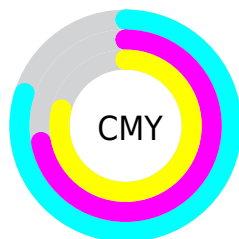


Cyan (27%)

Magenta (0%)

Yellow (25%)

Black (72%)



Cyan (80%)

Magenta (72%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 63.2670, -5.5460, -9.6260 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 63.2670, -5.5460, -9.6260 by changing the saturation by 10% instead.

■ 63.2670, -5.5460,
-9.6260

■ 63.2670, -5.5460,
-9.6260

■ 255.0000, -0.0000,
-0.0000

■ 41.3810, -5.8670,
-9.3150

■ 110.8540, -5.8210,
-10.1490

■ 20.0390, -4.9040,
-10.2480

■ 136.4410, -6.0960,
-10.6720

■ 0.0000, 0.0000,
0.0000

■ 162.9140, -6.0500,
-11.5060

■ 189.9140, -6.0500,
-11.5060

■ 217.6150, -6.6460,
-11.7180

■ 245.6150, -6.6460,

-11.7180

■ 63.2670, -5.5460,
-9.6260

■ 63.2670, -5.5460,
-9.6260

■ 60.3760, -7.4710,
-13.2870

■ 66.1580, -3.6210,
-5.9650

■ 57.5990, -9.7170,
-16.6370

■ 68.9350, -1.3750,
-2.6150

■ 54.7080, -11.6420,
-20.2980

■ 71.8260, 0.5500,
1.0460

■ 51.8170, -13.5670,
-23.9590

■ 74.7170, 2.4750,
4.7070

■ 48.6270, -16.0880,
-27.8320

■ 77.6080, 4.4000,
8.3680

■ 45.8500, -18.3340,
-31.1820

■ 80.6840, 7.2420,
11.9300

■ 42.9590, -20.2590,
-34.8430

■ 83.5750, 9.1670,
15.5910

■ 42.1330, -20.8090,
-35.8890

■ 86.4660, 11.0920,
19.2520

■ 89.3570, 13.0170,
22.9130

Harmonies

Analogous

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



64.5950, 5.2740, -7.4780



63.2670, -5.5460, -9.6260



61.5200, -16.5040, -9.2720

Triad

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



63.2670, -5.5460, -9.6260



64.5990, -17.7440, 2.1920



67.8560, 18.2010, 6.0490

Complementary

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



63.2670, -5.5460, -9.6260



59.7330, 5.5460, 9.6260

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.



67.9250, 13.7530, 9.5690



63.2670, -5.5460, -9.6260



66.9210, -6.7870, 7.3650

Square

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



63.2670, -5.5460, -9.6260



62.0170, -25.0330, -3.3770



67.8470, 5.2250, 9.9370



66.8080, 18.1560, 1.3560

Rectangle

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



63.2670, -5.5460, -9.6260



60.5240, -22.3270, -8.3670



67.8470, 5.2250, 9.9370



67.6110, 17.5130, 7.5050

Sweetspot

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



63.2670, -5.5460, -9.6260



88.8100, -2.5210, -3.8730



68.5350, 5.5030, -6.1210



44.0490, -1.6960, -2.3040



173.0000, -0.0000, 0.0000



46.0000, 0.0000, -0.0000

Same Dimension

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



63.2670, -5.5460, -9.6260



79.8380, -8.8920, -15.0680



64.2930, -8.4350, -6.8270



34.3480, -1.1000, -2.0920



58.6830, -28.8300, -50.2220



134.6170, -66.2770, -114.9890

Inverse Universe

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



59.7330, 5.5460, 9.6260



74.1620, 8.8920, 15.0680



58.7070, 8.4350, 6.8270



33.6520, 1.1000, 2.0920



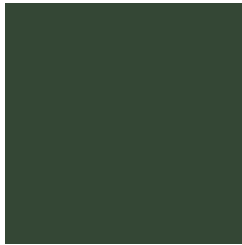
40.3170, 28.8300, 50.2220



92.3830, 66.2770, 114.9890

Previews

White Background



This preview shows how the YIQ color 63.2670, -5.5460, -9.6260 looks on a white background.

Color Contrast Check

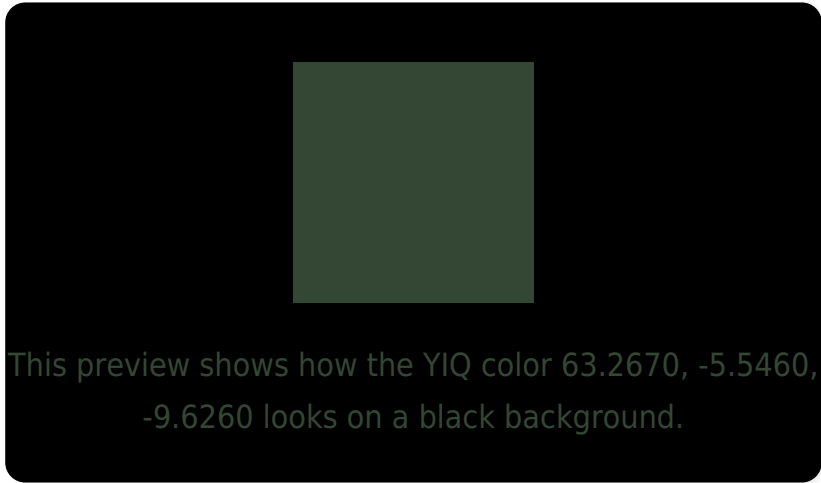
Large Text (above 18pt) WCAG AA ✓ Pass

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

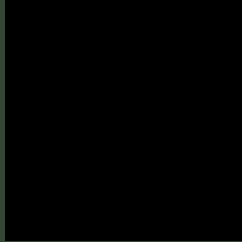
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 63.2670, -5.5460, -9.6260

Background



This preview shows how black text looks on a background with the YIQ color 63.2670, -5.5460, -9.6260.



This preview shows how white text looks on a background with the YIQ color 63.2670, -5.5460, -9.6260.

-9.6260.

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

63.2670, -5.5460, -9.6260

Protanopia

65.7850, 7.7950, -3.6050

Deuteranopia

66.8610, 10.6370, -0.0430



Tritanopia

65.0960, -9.0780, -0.6780

Trichromacy



Original Color

63.2670, -5.5460, -9.6260

Protanomaly

64.9800, 2.7520, -5.8240

Deuteranomaly

65.8170, 4.7690, -3.8310

Tritanomaly

64.4720, -7.3810, -3.9010

Monochromacy



Original Color

63.2670, -5.5460, -9.6260

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.1090, -1.9250, -3.6610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 63.2670, -5.5460, -9.6260 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(52, 71, 53)` looks like.

```
.text, #text, p{  
    color:rgb(52, 71, 53)  
}
```

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(52, 71, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 71, 53) }
```

Border

The CSS property to change the border of an element to YIQ 63.2670, -5.5460, -9.6260 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(52, 71, 53) }
```


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

```
.border{ border-color:rgb(52, 71, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 71, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 71, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 71, 53);  
box-shadow:4px 4px 4px 4px rgb(52, 71, 53)  
}
```

Background

The CSS property to change the background color of an element to YIQ 63.2670, -5.5460, -9.6260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 71, 53) }
```

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

```
.background{ background-color: rgb(52, 71,  
53) }
```

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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